

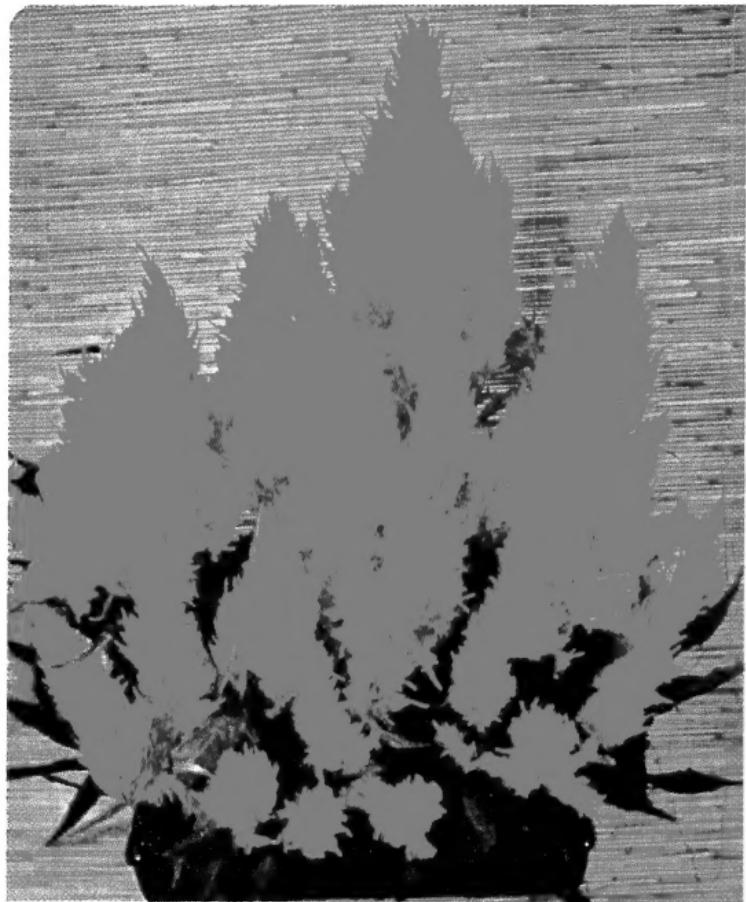
62

FLOWER SEEDS

Gloeckner
+ Co., Inc.
New York, N.Y.



1960



**FOREST
FIRE**
page 17



**BLUE
LUSTRE**
page 38

Gloeckner

FLOWER SEEDS

Snapdragon Flowering Program for the North

FOR WINTER AND EARLY SPRING

VARIETY	January	February	March	April	December
	1-15/16-31	1-15/16-29	1-15/16-31	1-15/16-30	1-15/16-31
WHITE					
Albion.....	x	x	x	x	x
Citation.....	x	x	x	x	x
Ohio.....	x	x	x	x	x
White Knight.....	x	x	x	x	x
PINK					
Christina.....	x	x	x	x	x
Mary Ellen.....	x	x	x	x	x
Nashua.....	x	x	x	x	x
New York.....	x	x	x	x	x
Rebecca.....	x	x	x	x	x
Rosebud.....	x	x	x	x	x
Top Flight.....	x	x	x	x	x
Whirlaway.....	x	x	x	x	x
Wintergreen.....	x	x	x	x	x
Wisconsin.....	x	x	x	x	x
YELLOW					
Patricia.....	x	x	x	x	x
Swaps.....	x	x	x	x	x
Vermont.....	x	x	x	x	x
War Admiral.....	x	x	x	x	x
BRONZE					
Barbara.....	x	x	x	x	x
Cavalcade.....	x	x	x	x	x
Gallant Fox.....	x	x	x	x	x
PURPLE					
Maine.....	x	x	x	x	x

Timetable for Above

(Sowing Temperature 65° Minimum) (48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
August 4	August 25	December 1-15
August 8	August 29	December 16-31
August 10	August 31	January 1-15
August 17	September 7	January 16-31
August 24	September 14	February 1-15
September 2	September 28	February 16-28
September 14	October 12	March 1-15
October 5	November 2	March 16-31
October 26	November 23	April 1-15
November 9	December 7	April 16-30



CINERARIA SITERS HYBRIDS®

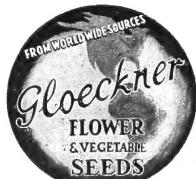
BUSINESS TERMS:

ON OPEN ACCOUNT: (Flower Seeds Only). For customers of Approved Credit 60 Days Net. The following discounts will be allowed on orders paid within 10 days: \$5.00 to \$25.00 2%—\$25.00 to \$100.00 5%—\$100.00 to \$300.00 8%—\$300.00 or more 10%.

CASH OR C.O.D. ORDERS: (Flower Seeds Only). Under \$5.00 net— \$5.00 to \$25.00 5%—\$25.00 to \$100.00 8%—\$100.00 to \$300.00 10%—\$300.00 or over 12%.

Prices in this catalog are subject to change without notice . . .

All goods are offered subject to Crop Failures, Shortages or other causes beyond our control, and to being unsold on receipt of order. . . . The prices in this catalog are for the trade only. For your own protection do not loan this catalog to anyone not entitled to Florist or Wholesale prices. . . . Unknown correspondents desiring to open an account are requested to furnish three trade references with whom they have had credit relations.



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Gloeckner
&
Company.
Incorporated

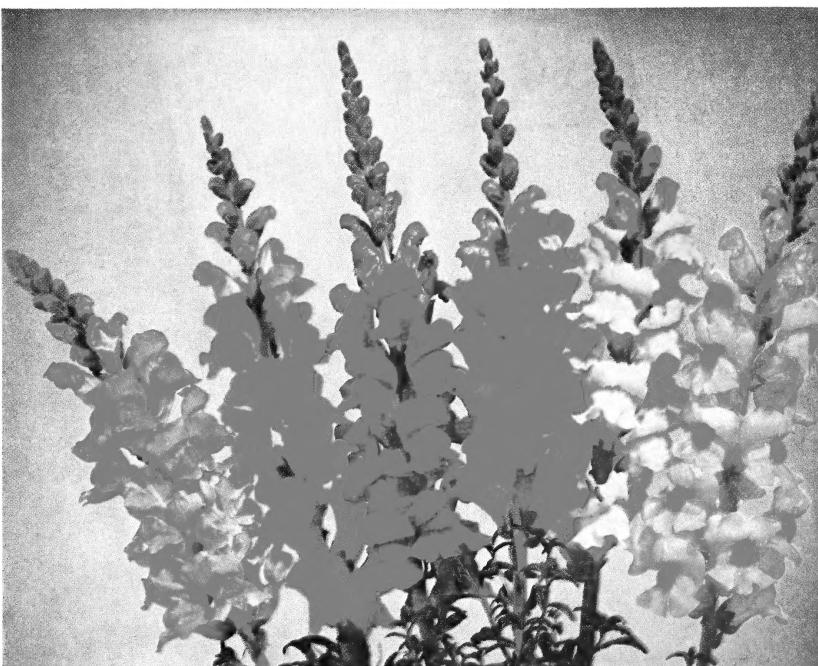
15 EAST 26th STREET
NEW YORK 10, NEW YORK
Telephone ORegon 9-6460 - 6461

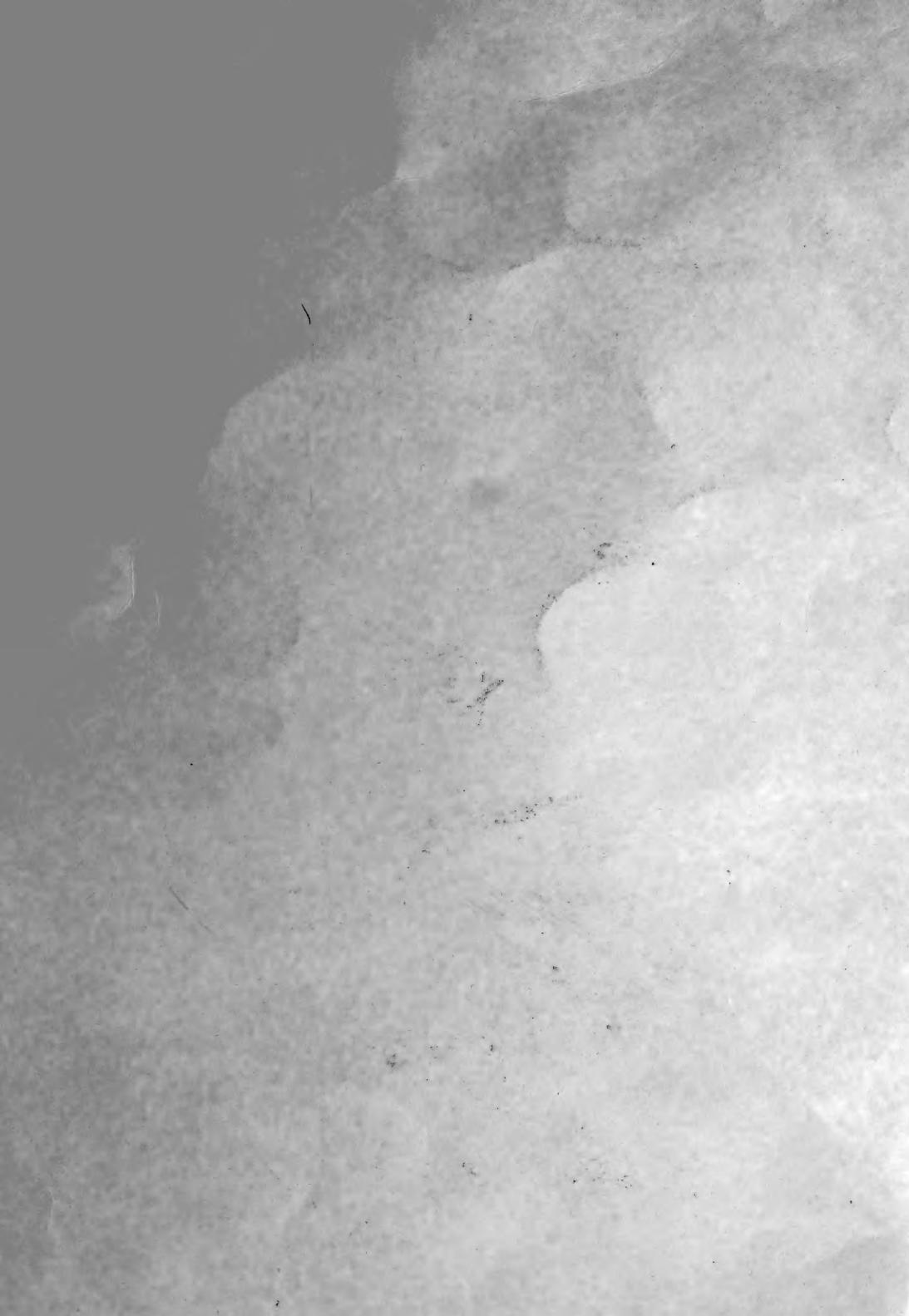
Gloeckner

seeds, bulbs, plants and cuttings are selected with diligent care as to type, productiveness and freedom from disease so that you may have the best with which to build your prospective crops. Our interest in you and your crops by no means ends with the sale. We are more than anxious to have the materials we sell, grow and prove profitable to you.

WARRANTY AND LIMITATION OF LIABILITY: Subject to the limitations of liability herein set forth, we warrant that the seeds or bulbs sold are as described on the container, within recognized tolerances. Our liability on this warranty is limited in amount to the purchase price of the seeds or bulbs. In no event shall we be liable for the crop, or for any loss due to the failure, impairment or quality thereof or varietal variance therein, whether such loss results from breach of the foregoing warranty, from breach of any other provision of the buyer's contract for purchase of said seeds or bulbs, or from any other cause.

ANTIRRHINUM F₁ HYBRID "ROCKET"—See Page No. 8





Snapdragon Flowering Program for the North

FOR LATE WINTER AND SPRING

VARIETY	Feb.	March	April	May	Oct.	November
	15-29	1-15/16-31	1-15/16-30	1-15	16-31	1-15/16-30
WHITE						
Twenty Grand.....	x	x	x	x	x	x
Apollo.....	x	x	x	x	x	x
Snowman.....	x	x	x	x	x	x
Margaret.....	x	x	x	x	x	x
Sparton White.....	x	x	x	x	x	x
PINK						
Hercules.....	x	x	x	x	x	x
Indiana.....	x	x	x	x	x	x
Jackpot.....	x	x	x	x	x	x
Libby.....	x	x	x	x	x	x
Maryland Pink Imp.....	x	x	x	x	x	x
Native Dancer.....	x	x	x	x	x	x
New Times.....	x	x	x	x	x	x
Pink Ice.....	x	x	x	x	x	x
Sparton Rose.....	x	x	x	x	x	x
YELLOW						
Brokers Tip.....	x	x	x	x	x	x
Gold Rush.....	x	x	x	x	x	x
Golden Spike.....	x	x	x	x	x	x
RED						
Navajo.....	x	x	x	x	x	x
Priscilla Ann.....	x	x	x	x	x	x
LAVENDER						
Lavender Lady.....	x	x	x	x	x	x
Windmillers Lilac.....	x	x	x	x	x	x

Timetable for Above

(Sowing Temperature 65° Minimum) (48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
July 18	August 8	October 16-31
July 25	August 15	November 1-15
August 1	August 22	November 16-30
August 24	September 24	February 16-28
September 2	September 28	March 1-15
September 21	October 19	March 16-31
October 12	November 9	April 1-15
November 2	November 30	April 16-30
December 14	January 11	May 1-15

Southern growers can revise these schedules as follows:

For Mid-Winter flowering (December thru March) use varieties suggested for flowering in the North from (mid-February thru April 1) and (mid-October to December 1st)

For flowering late spring through early fall (April thru mid-October) use varieties suggested for flowering in the North (mid-May to September 1st)

Snapdragon Flowering Program for the North

FOR LATE SPRING AND FALL

VARIETY	Apr.	May	June	Sept.	Oct.	Nov.
	16-30	1-15/16-31	1-15/16-30	15-30	1-15/16-31	1-15
WHITE						
Delaware.....	x	x	x	x	x	x
Hoffman's Sum. Wh.....	x	x	x	x	x	x
Potomac.....	x	x	x	x	x	x
Virginia.....	x	x	x	x	x	x
PINK						
Hoffman's Sum. Pk.....	x	x	x	x	x	x
Kentucky.....	x	x	x	x	x	x
YELLOW						
Colorado.....	x	x	x	x	x	x
Potomac Yellow.....	x	x	x	x	x	x
BRONZE						
Nevada.....	x	x	x	x	x	x
Jubilee.....	x	x	x	x	x	x
RED						
Kansas.....	x	x	x	x	x	x
Tennessee.....	x	x	x	x	x	x

Timetable for Above

(Sowing Temperature 65° Minimum) (48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
October 26	November 23	April 16-30
November 30	December 28	May 1-15
December 28	January 25	May 16-31
February 1	February 28	June 1-15
March 2	March 28	June 16-30
June 27	July 18	September 16-30
July 4	July 25	October 1-15
July 11	August 1	October 16-31
July 18	August 8	November 1-15

FOR SUMMER

VARIETY	June	July	August	September
	15-30	1-15/16-31	1-15/16-31	1-15/16-30
WHITE				
# 2 Crystal				
White.....	x	x	x	x
June Bride.....	x	x	x	x
Potomac White.....	x	x	x	x
Rockwood				
Crystal White.....	x	x	x	x
White Skies.....	x	x	x	x
PINK				
Florida.....	x	x	x	x
Gaytime.....	x	x	x	x
Potomac Pink.....	x	x	x	x
Summer Jewel.....	x	x	x	x
YELLOW				
Dark Star.....	x	x	x	x
Potomac Yellow.....	x	x	x	x
LAVENDER				
Arizona.....	x	x	x	x

Timetable for Summer Flowering

(Sowing Temperature 65° Minimum) (48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
February 17	March 14	June 16-30
April 4	April 25	July 1-15
April 25	May 16	July 16-31
May 9	May 30	August 1-15
May 23	June 13	August 16-31
June 13	July 4	September 1-15
June 20	July 11	September 16-30

ANTIRRHINUM (Snapdragon) GREENHOUSE STRAIN

SNAPDRAGON CULTURE

SOIL PREPARATION—A loose, porous soil containing about one-fourth peat moss by volume has been satisfactory in many ranges. Add four or five pounds of superphosphate per 100 square feet of bench area before planting. Thoroughly steam sterilize at least once a year, preferably after cutting off the summer flowering crop. Make sure the soil is uniformly moist and that a temperature of 180 deg. F. is maintained for at least one-half hour. Over-steaming will not harm the soil.

SEED GERMINATION—Snapdragon seeds should germinate in about seven days from the time they are sown. Maintain a constant temperature of 65 to 70 deg. F. and keep the medium uniformly moist especially the top one-half in the flat.

Use neutral peat which has been shredded and screened, or any other loose, porous mixture for your propagating medium. For surest results, the mixture should be steam sterilized in the flats before sowing the seeds. When the seeds have germinated, give them increasingly more sun and ventilation.

DIRECT BENCHING—Consistently good results have been obtained by direct benching from seedling flats. You can do this safely about three weeks from the sowing date. Direct benching saves time and labor and invariably results in more vigorous plants, since there is no hardening or check in growth as sometimes happens when seedlings have been banded or potted.

FERTILIZATION—Maintain a level of about 20 ppm nitrogen and potash (Spurway) during the early stages of growth. Gradually taper off nitrogen feedings when spikes appear. Liquid feedings of 15-30-15, 20-20-20, etc., one every two weeks, are adequate at the rate of one ounce in five gallons of water (one-half pound per 100 gallons).

Summer-flowering crops should be fed heavier than the above schedule to keep pace with the faster rate of growth.

PINK AND ROSE

	Tr. Pkt.		Tr. Pkt.
•Anne Marie—Bright medium pink	\$3.50	•Native Dancer—Light rose	\$3.50
•Christina—Light salmon pink	3.50	New Times—Bright rose	3.00
•Florida (New)—Light pink (Summer)	3.50	New York (New)—Clear light pink	3.50
•Gay Time—Rose pink (Summer)	3.50	•Pink Ice—Bright pink with lighter	3.50
•Hercules—Light pink for spring	3.50	lips	3.50
•Indiana (New)—Light rose pink	3.50	•Potomac Pink—Medium pink (Summer)	3.50
•Jackpot—Medium deep rose	3.50	•Rebecca—Light pink hybrid	3.50
•Kentucky (New)—Appleblossom pink	3.50	Rockwood's Summer Pink No. 1	3.00
•Libby—Dark rose pink	3.50	•Rosebud—Pastel pink	3.50
•Mary Ellen—Early light rose pink	2.00	•Spartan Rose—Rose-pink	3.00
•Maryland Flamingo Pink—Salmon		•Summer Jewel—Deep pink (Summer)	3.50
rose	3.50	•Top Flight—Light rose pink	3.50
•Maryland Pink Improved—Early		•Whirlaway—Light pink	3.50
light pink	3.50	•Wintergreen—Light rose	3.50
•Nashua—Light rose	3.50	•Wisconsin (New)—Intense, dark pink	3.50

RED

	Tr. Pkt.		Tr. Pkt.
•Maryland Red	\$3.50	Rockwood's Summer Red	\$3.00
•Navajo—Good all-purpose red	3.50	•Tennessee (New)—Deep red	3.50
•Priscilla Ann—Early hybrid crimson	3.50		

Denotes hybrid varieties.

ANTIRRHINUM (Snapdragon)

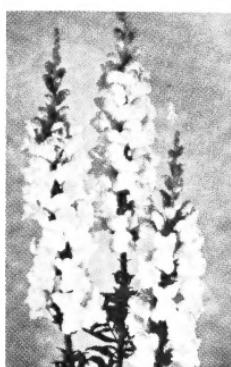
GREENHOUSE STRAIN



NEW YORK
(Smooth light pink)



KENTUCKY
(Apple Blossom pink)



VIRGINIA
(Vigorous paper white)

WHITE

	Tr. Pkt.	Tr. Pkt.
• Albion —Paper white	\$3.50	
• Apollo —Ivory white similar to Margaret	3.50	
• Citation —Ivory white	3.50	
• Crystal White —Paper white (Summer)	3.50	
• Delaware (New) —Ivory white	3.50	
Margaret—Ivory white	2.00	
• Maryland White —Improved true paper white	3.50	
• Ohio (New) —Pure paper white	3.50	
• Potomac White —(Summer)	3.50	
• Rockwood Hybrid White No. 5	3.50	
• Snowman —Excellent pure white for winter and spring		\$3.50
• Spartan White —Mid-winter pure white		3.00
• Twenty Grand —Medium early ivory white		3.50
Rockwood's Crystal White No. 2 — (Summer)—Reselected		3.50
• Virginia (New) —Paper white		3.50
• White Knight —Improved paper white		3.50
• White Skies —Pure white (Summer)...		3.50

YELLOW

	Tr. Pkt.	Tr. Pkt.
• Broker's Tip —Deep yellow	\$3.50	
• Colorado (New) —Yellow	3.50	
• Dark Star —Clear yellow (Summer)...	3.50	
• Golden Spike —Rich deep golden yellow	3.50	
• Nevada (New) —Intense yellow	3.50	
• Potomac Yellow —(Summer)	3.50	
• Patricia —Yellow	3.50	
Rockwood's Summer Yellow —Fairly deep yellow		\$3.00
• Spartan Gold (New) —Golden yellow 3.50		
• Swaps —Yellow		3.50
• Vermont (New) —Pastel primrose yellow		3.50
• War Admiral —Yellow		3.50

LAVENDER

	Tr. Pkt.	Tr. Pkt.
• Arizona (New) —Lavender (Summer)...	\$3.50	
• Lavender Lady —Deep rosy-lavender 3.50		
• Maine (New) —Rich purple	3.50	
Windmiller's Lilac —Excellent orchid color		\$2.00

BRONZE AND ORANGE

	Tr. Pkt.	Tr. Pkt.
• Barbara —Dark bronze	\$3.50	
• Cavalcade —Lively golden bronze	3.50	
• Gallant Fox —Deep orange bronze....	3.50	
• Kansas (New) —Golden bronze		\$3.50
• Maryland Orange		3.50

• Denotes hybrid varieties.

SNAPDRAGON

YODER HYBRID IMPROVED SELECTIONS (New)

ARIZONA

Summer flowering lavender hybrid. Color resembles the spring variety Lavender Lady. Vigor is high. Spikes are long and gracefully tapered. Available October 1959.

COLORADO

Large flowered yellow hybrid. For **late Spring and Fall**. Very uniform and vigorous. Color of Broker's Tip. Available October 1959.

DELAWARE

Ivory white hybrid. Retains and improves for **spring** and **fall flowering** the valuable traits of Citation. Floret is large, stems heavy with very long spikes. Available January 1960.

FLORIDA

Vigorous light pink **summer hybrid**. Displays superb color retention under high temperature and is highly shatterproof. Spikes are long with compact florets. Available January 1960.

INDIANA

Light rose pink **late winter and spring hybrid**. Equally valuable for early fall. Large floret. Spikes are long and tapered. Available October 1959.

KANSAS

Brilliant golden bronze hybrid for **late Spring and Fall**. A vigorous variety with strong stem and long spikes. Available October 1959.

KENTUCKY

Glorious apple blossom pink. **Late spring and fall hybrid**. A vigorous, clean stemmed hybrid with a minimum of shatter. Available October 1959.

Price of the Above Per Pkt. 3.50

SNAPDRAGON

YODER HYBRID IMPROVED SELECTIONS (New)

MAINE

Rich purple hybrid. For **winter and early spring**. The florets are very large and beautifully spaced on strong spikes. Available January 1960.

NEVADA

Intense yellow hybrid. Develops a huge floret on vigorous long spikes. Valuable in **May-June and October-November** crops. Available October 1959.

NEW YORK

Smooth light pink. For **winter and early spring**. Displays tremendous vigor and earliness. Spike is large and compact. Very clear pink with minimum of yellow in lower lip. Highly shatterproof. Available January 1960.

OHIO

Pure paper white hybrid for **winter and early spring crops**. Florets are compactly spaced and shatterproof. Available October 1959.

TENNESSEE

A real deep red hybrid. Best suited to **fall periods**. Quite shatterproof with good floret spacing on long uniform spikes. Available October 1959.

VERMONT

Primrose yellow hybrid for **winter and early spring**. Spikes are long and graceful with abundant tip-bud. Stems are hard, clean and uniform. Available January 1960.

VIRGINIA

A vigorous paper white hybrid. For **late spring and fall**. Long spikes, hard, clean stem with good large florets that are shatterproof. Available October 1959.

WISCONSIN

Intense, dark pink **winter and early spring hybrid**. Spikes are long and tapering. Stems are medium and hard. Available October 1959.

Price of the Above Per Pkt. 3.50

ANTIRRHINUM

"ROCKET" SNAPDRAGON F₁ HYBRIDROCKET F₁ HYBRID

A new strain of Colossal type. Grows about 30-36" tall and produces long full spikes, with many closely spaced florets. This F₁ Hyb. Garden Snap exhibits great vigor and uniformity. Trials throughout the country have demonstrated their ability to produce masses of cut flower quality spikes. This strain is offered in the following colors.

RED
ROSE
ORCHID

BRONZE
GOLD
WHITE

MIXED

PRICE Tr. Pkt. \$3.00 1/64 oz. \$5.65 1/32 oz. \$10.00

F₂ PANORAMA STRAIN

Plants are husky and eye appealing—Ideal for bedding and flat plant sales. Spikes 8-12 inches are borne on sturdy 2½ to 3 foot stems. Especially bred to take hot summer conditions.

BRONZE
IVORY WHITE
LAVENDER

RED
ROSE PINK
YELLOW

FORMULA MIXTURE

Tr. Pkt. \$1.00 1/4 oz. \$3.00 Oz. \$9.00

ANTIRRHINUM — Continued**GIANT RUFFLED TETRAPLOID (Approx. 104,000 seeds per oz.)**

One of the most satisfactory outdoor snaps. Almost never crippled with rust. Blooming size plants are tall with thick stems which keep the spikes erect and the tips straight. Flowers large, mostly ruffled.

Candlelight—Bright yellow

Pink Shades—Pink to deep rose

Crimson—Deep velvety crimson

Sunset—Bronze, pink, primrose

White**PRICE OF THE ABOVE VARIETIES**

Tr. Pkt. \$.60	1/8 oz. \$1.50	1/4 oz. \$2.75	Oz. \$8.25
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Superfine Mixture—(Tetra Snaps), erect and husky growth, medium tall with huge ruffled florets in many colors and bicolors, some veined.

Tr. Pkt. \$.50	1/8 oz. \$1.25	1/4 oz. \$2.25	Oz. \$6.75
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MAJUS-MAXIMUM GRANDIFLORUM (Approx. 200,000 seeds per oz.)

Alaska—(Snowflake)—White

Orange Shades—Deep to light orange

Brilliant Rose—Rose pink

Padre—Deep crimson

Cherry Rose—A new bright color

Rosalie—Rich deep rose; underlying tone of topaz or amber

Copper Queen—Bronzy copper blending to antique gold.

Yellow Giant—Deep yellow

Mixed**PRICE OF THE ABOVE VARIETIES**

Tr. Pkt. \$.40	1/8 oz. \$.70	1/4 oz. \$1.25	Oz. \$3.75
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DWARF GRANDIFLORUM (Apprx. 200,000 seeds per oz.)

Avalanche—Pure white

Red Emperor—Rich deep scarlet

Flambeau—Scarlet

Royal Rose—Deep rose

Golden Monarch—Golden yellow

Saint George—Orange cerise

Orange Glow Improved—Orange

Starlier—Glowing cerise

Finest Mixed**PRICE OF THE ABOVE VARIETIES**

Tr. Pkt. \$.50	1/8 oz. \$.85	1/4 oz. \$1.50	Oz. \$5.50
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AGATHEA (Blue Daisy) (Approx. 27,000 seeds per oz.)

Tr. Pkt.	1/4 oz.	Oz.
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Coelestis —The lovely, free flowering blue Marguerite	\$.30	\$.90	\$2.70
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Gloeckner

FLOWER SEEDS

AGERATUM (Approx. 230,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Blue Ball Improved—Dwarf and compact. Uniform rich blue color.	\$.40	\$1.30	\$4.25	
Blue Cap—Rich blue, very compact	.40	1.20	3.60	
Blue Mink—(Tetra)—Giant blooms on husky plants	.60	3.00	9.00	
Blue Perfection—Dark blue	.25	.50	1.65	
Fairy Pink—Soft salmon pink, 12 inches	.60	1.85	6.50	
Little Blue Star—6 inches high, fine for bedding	.25	1.00	3.50	
Midget Blue—Very dwarf with delicate fine foliage; blue flowers	.50	1.80	6.00	

ALYSSUM (Approx. 75,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Bouquet—(Carpet of Snow)—best dwarf variety	\$.20	\$.35	\$1.00	\$3.25
Little Gem—Dwarf and compact	.20	.35	1.00	3.25
	Tr. Pkt.	1/4 oz.	Oz.	
Pink Heather—(A.A.S.) light pink blossoms, deeper in cool weather, grows about 6 inches tall with a good spread of blooms until late fall	\$.75		\$2.00	\$6.00
	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Royal Carpet—(Procumbens) Rich purple	\$.40	\$1.30	\$3.90	\$13.00
Violet King—Deep violet flowers. Very compact growth	.45	1.50	4.50	15.00
Violet Queen—Dwarf compact, rich deep shades of violet	.25	.60	1.80	6.00



ALYSSUM "BOUQUET"

AMARANTHUS

(Approx. 47,000 seeds per oz.)

Molten Fire—Leaves are iridescent crimson	Tr. Pkt.	Oz.	
.....	\$.25	\$2.25	
Tri-Color Splendens—(St. Joseph's Coat) Yellow, red and green foliage—3 ft.	.25	1.80	

ASPARAGUS

New Crop Seed Ready in Mid-February

	1000 Seeds	5000 Seeds
Plumosus Nanus	\$.250	\$10.00
Sprengeri	2.50	10.00

ASTERS (Approx. 12,000 seeds per oz.)

FLORIST STRAIN (Wilt Resistant)

Bred especially for off-season crops under glass. Stems are long and strong, and the long-lasting flowers often measure 4 inches across. Seed is produced each year from specialty selected line-bred planting stock.

Azure Ball—Fully double light blue.

Pink Ball—Large 3½ to 4-inch double flowers on long stems. Rarely shows any center. Blooms mid-August. Excellent flowered under lights in early spring. Needs little disbudding as laterals are few.

Philco Ball—Double medium large flower of a soft peach blossom pink color.

Rose Ball—Fully double flowers of a good rich rose. Flowers large and solid.

Dark Purple Ball—Similar to Rose Ball, but good deep purple.

White Ball—The large pure white flowers of this new Aster are exceptionally double and borne on stiff stems. Blooms late August.

Prices Above:	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
	\$1.75	\$3.00	\$9.60	

QUEEN OF THE MARKET

These well-known early flowering Asters are of branching habit, about 20" tall, blooming mid-July.

Azure Blue

Crimson

Dark Blue or Purple

Light Blue or Lavender

Flesh Pink

Rose

White

Finest Mixed

AMERICAN BRANCHING

Plants 2 to 2½ feet tall, branching, robust, flowers large, double and fine form. Flowers late August and early September.

Azure Blue or Lavender

Heart of France

Scarlet crimson

Peerless Pink

Purple

Rose

Sensation

Deep crimson

Shell Pink—

(Mary Semple)

White—Extra select, long stems

Finest Mixed

EARLY ROYAL BRANCHING

Plants branching 2 to 2½ feet, blooming mid-August, directly following the Queen of the Market.

Azure Blue or Dark

Lavender

Ball Deep Rose

Ball Purple

Shell Pink

White

Finest Mixed

Prices Above:	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
	\$.40	\$.65	\$2.00	\$7.00

EARLY BEAUTY (Improved American Beauty)

Blooms August and continues until frost. The large and double flowers are produced on long heavy stems; plants 2 to 3 feet high.

Azure Fairy—Dark lavender

Deep Rose

Peach Blossom

Purple Robe

September Beauty—Shell pink

White

Finest Mixed

Prices Above:	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
	\$.50	\$.90	\$3.00	\$10.00

MORE ASTERS ON NEXT PAGE

ASTERS — Continued**IMPROVED CREGO**

Plants robust, branching about 2½ feet tall, flowers large, double and well formed, one of the finest varieties for all purposes. Blooming mid-August.

Azure Blue		Shell Pink	
Blue Flame —Rich blue		Purple or Dark Blue	
Crimson		White	
Deep Rose		Finest Mixed	
Peach Blossom			
	Tr. Pkt.	1/4 oz.	Oz.
Prices Above:	\$.40	\$.65	\$2.00
			1/4 lb. \$7.00

EARLY GIANT

Flowers are of the large Giant of California type, while the plants are shorter, about 1½ feet in height. This class is early blooming, coming into flower by the first week in September.

Azure Blue		Peach Blossom	
Crimson		Rose Marie —Rich rose	
Light Blue		White	
		Mixed	
	Tr. Pkt.	1/4 oz.	Oz.
Prices Above:	\$.50	\$1.25	\$3.75
			1/4 lb. \$12.50

DWARF QUEEN

Early-flowering, 10-inch tall plants. Dwarf base-branching plants with large flowers produced in abundance. For pot plants must be grown under additional light in the spring, the same as any Royal type used as a cut flower. Can be grown either one plant or three per five or six inch pot. Sufficient feeding and spacing is essential.

Crimson —Crimson red		Light Blue —Lilac blue	
Deep Blue —Violet blue		Rose —Rose pink	
Deep Scarlet —Bright deep scarlet		White —Pure white	
		Mixed	
	Tr. Pkt.	1/4 oz.	Oz.
Prices Above:	\$.50	\$1.50	\$4.50

GIANT PRINCESS (Wilt Resistant)

A new giant strain of this very attractive Aster. Makes a good cut flower.

Belle Blanche —White		Eva —Dark Blue
Cissa —Bright Crimson		Gabriele —Peach Blossom
Edeltraud —Cream		Sonja —Salmon Pink with Gold

SCARLET PIMPERNELL (New)

Glowing coppery scarlet flowers having long stiff stems. Ideal for cutting.

	Tr. Pkt.	1/4 oz.	Oz.
Prices Above:	\$.40	\$.90	\$3.00

ASTERS — Continued

BOUQUET TYPE (Wilt Resistant)

Long stems and large flowers. A good upright class of branching Aster developed for cut flowers.

	Tr. Pkt.	1/4 oz.	Oz.		Tr. Pkt.	1/4 oz.	Oz.
Azure	\$.50	\$1.50	\$4.50	Rose	\$.50	\$1.50	\$4.50
Crimson	.50	1.50	4.50	Scarlet	.50	1.50	4.50
Pink	.50	1.50	4.50	White	.50	1.50	4.50
Purple	.50	1.50	4.50	Powderpuffs—Mixed	.50	1.50	4.50

SINGLE CHINENSIS (Wilt Resistant)

Plants ½ to 2 feet tall, flowers daisylike, petals wide and closely placed, blooms in late August.

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Branching Single Rainbow Mixed	\$.30	\$.45	\$1.50	\$5.00
Upright Single Rainbow Mixed	.30	.45	1.50	5.00

CONTINUOUS FLOWERING OF ASTERS

Sow Seeds	Pot Seedlings	Bench Plants	Flowering Date Approximate
Dec. 10	Jan. 10	March 1	May
Feb. 1	Feb. 20	April 1	June
March 15	April 10	May 15	July
April 20	May 10	June 15	August
May 20	June 10	July 15	September
June 10	July 1	Aug. 15	October
June 20	July 15	Aug. 20	November
July 10	Aug. 1	Sept. 1	December
July 15	Aug. 10	Sept. 15	January
August 15	Sept. 10	Nov. 1	February
Sept. 10	Oct. 1	Dec. 1	March
Oct. 20	Nov. 15	Jan. 1	April

Plants must be given additional light between September 1 and May 1 regardless if they are in seed flats or in the bench. If the plants are not lighted while in small pots, they develop a rosette of leaves and growth of the stem and flowers is delayed. Plants should be lighted until the first flowers show color.

Low wattage bulbs will suffice for additional light. On a four-foot bench, 40-watt lamps spaced 6 feet apart and about 24 inches above the plants will give ample light for this crop. Spacing is usually 8 x 8 inches in the bench and a 50° night temperature is essential.

ADDITIONAL LIGHTING SCHEDULE

3 hours during the months of September, October, March and April.

4 hours during the month of November and February.

5 hours during the months of December and January.

BALSAM (Approx. 3,300 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Double Bush Flowering—Flowers appear in clusters at the top of the stems making these an attractive spring sales item in small pots. Scarlet, Rose, White, Mixed		\$.40	\$.75
Double Camellia Flowered Mixed		.30	.45

BELLS OF IRELAND (*Molucella Laevis*) (Approx. 7,000 seeds per oz.)

The branching stems are covered with pale green sheaths. May be grown in greenhouse benches, pots or outdoors where the season is long.

Tr. Pkt.	\$.40	1/4 oz.	\$1.00	Oz.	\$3.00
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BROWALLIA (Approx. 65,000 seeds per oz.)

Speciosa Major—Violet-blue flowers 1½ inches across, are carried on 10 to 12-inch stems. Standard pot variety.

Tr. Pkt.	\$1.20	1/16 oz.	\$3.60	1/8 oz.	\$6.60	1/4 oz.	\$12.00
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BEGONIA FIBROUS ROOTED

(Approx. 30,000 seeds per 1/32 oz.)

Fibrous Begonias are a necessity item for spring bedding sales. They are used extensively in combination work and are also popular house plants throughout the year.

Production from seed is simple. January sowing produces plants for spring bedding work. The fine seed is lightly pressed into a sterilized fibrous medium. The seed is kept moist, not covered, and germinates best at 60 to 70 degrees. An economical method has been to shift the seedlings to flats spaced 2 x 2 inches and grow them on until they become crowded. Then transfer to 3- or 4-inch pots.

Potting soil should contain one part peat, one part sand and one part soil—a fibrous medium that will not pack is essential. To keep the plants moving, a temperature of 60 degrees is best. The plants do well in shade or full sun, but are best shaded during the summer.

Try monthly sowings from August to March for a constant supply to meet your customer's demand.

F1 HYBRIDS—Heterosis Varieties

Sold in Packets Only

As pot plants in 3, 4, or 5-inch pots they may be recommended to your customers for they do well in high temperatures and low light intensities of modern homes. F1 hybrids, vigorous in pots, are also excellent bedding subjects in part shade or in full sun. F1 seed produces a uniform crop.

Pkt.		Pkt.	
Chrisy —Luminous red, dwarf uniform vigorous plant	\$2.00	Red Perfection —Dwarf growth. Fiery crimson flowers	\$1.50
Pink Profusion —Rose flowers, green foliage	1.50	Rosy Red —Green foliage	1.50
Stuttgart —Carmine rose, dark red foliage	1.50	Sleeping Beauty —Bright carmine, free flowering, dark green foliage	2.00
Pink Pearl —Rich pink	1.50	Tausendschoen —Lustrous rose pink	2.00
Red Pearl —Scarlet red	1.50	Tausendschoen Red —Dark deep red counterpart of Tausendschoen	2.00
Rose Perfection —Large rose pink flowers. Dwarf growth	1.50	Tausendschoen White —Pure white, dwarf compact plant	2.00
		Organdy Mixed	1.50

BEGONIAS FIBROUS ROOTED — Continued

INTERMEDIATE CLASS

	Tr. Pkt.	1/64 oz.	1/32 oz.
Indian Maid —Red flowers, deep bronze shiny foliage	\$1.25	\$2.75	\$5.00
King of the Reds —Red flowers, green foliage	1.25	2.75	5.00
Lucifer —Scarlet flowers, dark red foliage	1.50	4.50	8.00
Luminosa —Deep scarlet, red-brown foliage	1.25	3.50	6.00
Massy —Crimson: Giant flowers	2.00		
Prima Donna —Flowers carmine, foliage tinged red	1.25	2.25	3.75
Saga —Bright scarlet	1.50		
Scandinavian Pink —Rose pink, dark green foliage	1.25	3.00	5.50
Scandinavian Red —Red, dark green foliage	1.25	3.00	5.50
Scandinavian White	1.25	3.00	5.50
White Pearl —White flowers, green foliage	1.25	2.50	4.50

DWARF CLASS

	Tr. Pkt.	1/64 oz.	1/32 oz.
Adeline —Rose pink, green foliage	\$1.50	\$3.25	\$6.00
Dwarf Carmen —Light pink with dark bronze foliage. Very compact	1.50	3.50	6.50
Helena —Carmine scarlet, foliage green, growth pyramidal	1.50	4.50	8.00
Luminosa Compacta —Scarlet red, foliage green	1.50	3.50	6.00

TALL CLASS

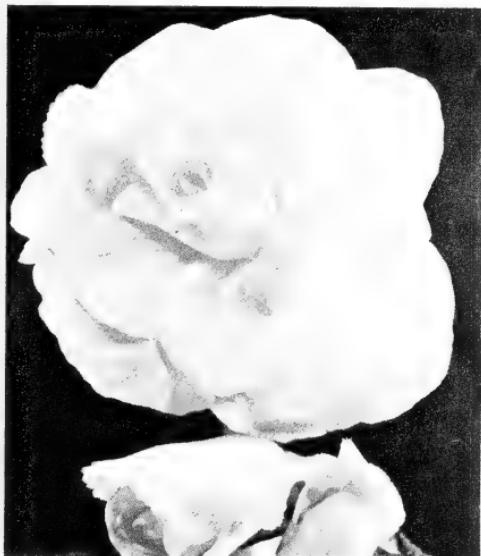
	Tr. Pkt.	1/64 oz.	1/32 oz.
Christmas Cheer —Crimson scarlet flowers, foliage green	\$1.00	\$2.20	\$3.75
Gigantea Red —Compact plants with green foliage. Flowers early. Large brilliant red flowers. About 10-12 inches tall	1.25	2.75	5.00
Gigantea Rose Pink —Same as above but with large rose pink flowers	1.25	2.75	5.00
Gigantea White —Same habit as the red but with large pure white flowers	1.25	2.75	5.00

TUBEROUS ROOTED BEGONIAS

Tuberous rooted begonias from seed are an inexpensive crop to produce. Sow in mid-January and shift about May 1 for early June sales. They are the answer for customers looking for a brilliantly flowered plant for the shade.

Tr. Pkt.

Mixed — Camellia flowered double type, plants 1½ ft. tall	\$3.00
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*Gloeckner***FLOWER SEEDS****CALCEOLARIA** (Approx. 20,000 seeds per 1/32 oz.)

The soil used in germinating the seeds should be made up of two parts leaf mold, two parts well-rooted manure, two parts soil, and one part sand. Sterilize the soil and flat with steam to eradicate all disease.

Seed is fine and does not need a soil covering. A night temperature of 60° is recommended for germination. Shift to 2½-inch bands, then to 4 or 5-inch pots for finishing. A 48° house is best after the shift. Spray weekly with parathion for aphis control, and shade from direct sun after February. Overwatering causes yellowing.

GLOECKNERS STRAIN MIXED (New)

Compact plants with medium sized flowers produced on large heads. This mixture has a full color range including red - yellow - bronze - rose - strawberry and mottled.

Seed for 1000 plants **\$10.00**

IMPROVED GERMAN STRAIN

Multiflora Nana Mixed—Dwarf growth with large compact heads of medium sized flowers. This fine strain contains a good range of colors **\$1.25** **\$5.00** **\$9.00**

GILBERT'S STRAIN

This is an improvement over the original Multiflora Nana type. Compact habit of growth; good selection of colors in the mixture; excellent foliage.

AVAILABLE PACKETS ONLY

	Tr. Pkt.	Tr. Pkt.	
Multiflora Nana Red	\$2.50	Multiflora Nana Mixed	\$2.50
Multiflora Nana Yellow	2.50	Triumph Strain (Grandiflora) —Large flowered strain, the best in its class	2.50

CALENDULA (Approx. 4,500 seeds per oz.)

August sowing flowers December to February. Early October sowing to follow Chrysanthemums blooms February and March. January sowing blooms April and May.

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Ball's Gold—Golden Yellow	\$.50	\$1.00	\$3.00	\$9.00
Ball Long Orange Improved —Bright orange with light eye .....	.50	1.00	3.00	9.00
Ball Orange —Glowing orange .....	.50	1.00	3.00	9.00
Lemon Queen —Deep lemon yellow with dark brown eye .....	.50	1.00	3.00	9.00
Masterpiece —Clear orange flower with dark center .....	.50	1.00	3.00	9.00

CANDYTUFT (Approx. 12,000 seeds per oz.)**DWARF COMPACT**

"Fairy Mixed"—Plants 8-10" tall. Uniform in height and spread. **\$.40** **\$1.00** **\$3.00**

	Tr. Pkt.	Oz.	1/4 lb.	Lb.
White —Improved florist strain	\$.25	\$.90	\$3.00	\$10.00

UMBELLATA TYPE

Crimson —Purplish red	Rose Cardinal —Deep red
Flesh —Flesh pink	Rose —Soft rose
Lavender or Lilac	White

Mixed

Prices Above:	Tr. Pkt.	Oz.	1/4 lb.
	\$.30	\$.90	\$3.00

CARNATION (*Enfant de nice*) (Approx. 14,000 seeds per oz.)

One of the best annual Carnations. Plants are strong, robust growers bearing flowers 2½ to 3 inches in diameter on good stiff stems. Do not expect over 75% to come true to color or better than 90% double flowers.

White, Salmon, Rose, Red, Spectrum Red, Yellow Mixed (Formula Blend)

Tr. Pkt. **\$.50** 1/8 oz. **\$2.00** 1/4 oz. **\$3.50**

CELOSIA

For spring plant sales, sow 6 weeks before planting out time. A 60° night temperature is best.

CRISTATA (Cockscomb Type) (Approx. 29,000 seeds per oz.)

Tall varieties are grown for cut and are easily dried for winter bouquets. Dwarf kinds are recommended for summer pot plants and bedding.

	Tr. Pkt.	1/4 oz.	Oz.
Dwarf Golden Yellow (Aurea)	\$.30	\$.80	\$2.50

Dwarf Empress —Deep scarlet bronzy foliage	.30	.80	2.50
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Toreador —Uniform strain with red combs and green leaves; 15-inches tall	.75	2.00	6.00
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	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Yellow Toreador —Yellow companion to Toreador	\$.50	\$1.50	\$2.50	\$7.50

Gilbert's Maple Gold —Beautiful combs varying in color from light to dark pink tipped with Gold. Originators Tr. Pkt. (300 seeds)	.50
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	Tr. Pkt.	1/4 oz.	Oz.
Dwarf Cristata Formula Mixed. Very dwarf and compact strain approximately 8" tall. Ideal for bedding or edging	\$.50	\$2.50	\$7.50

PLUMOSA (Plumed or Feathery Type) (Approx. 43,000 seeds per oz.)

Dwarf varieties are good for bedding and as spring and summer pot plants. Taller strains are good late summer cut flowers.

DWARF VARIETIES

	Tr. Pkt.	1/4 oz.	Oz.
Fiery Feather —Dwarf, red plumes freely produced in attractive pyramid	\$.40	\$1.30	\$4.25

Golden Feather —Dwarf same as Fiery Feather, but with golden yellow plumes	.40	1.30	4.25
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Lilliput Choice Mixed —Dwarf uniform growth	.40	1.30	4.25
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TALL VARIETIES

Forest Fire —Plumes are a flaming orange-scarlet contrasted against a bronze-red foliage	.40	1.50	4.25
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FOREST FIRE IMPROVED

	Tr. Pkt.	1/4 oz.	Oz.
Earlier flowered and a little dwarfer than regular Forest Fire with large orange red plumes	\$.50	\$2.50	\$7.50

	Tr. Pkt.	1/4 oz.	Oz.
Golden Plume —4 ft. golden yellow	\$.40	\$1.20	\$3.60

Scarlet Plume —4 ft. scarlet	.40	1.20	3.60
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Hompsonni Magnifica Mixed (Pride of Castle Gould)—Blend of red-yellow, copper and gold	.35	.60	2.00
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CENTAUREA (Approx. 6,000 seeds per oz.)**CYANUS** (Bachelor Button)

Listed below are the finest improved Florist strains of Centaurea Cyanus. The flowers are large, fully double and the colors intensified. The long stems of this strain make them excellent for cut flower purposes. May be used for greenhouse flowering in spring, or sown outdoors in fall for flowers in June and July.

Blue Boy —Excellent for forcing	Pinkie —Deep pink
Snowman —Clear white	Red Boy —Deep red
Prices Above: Tr. Pkt. \$.20	Oz. \$.65

Prices Above: Tr. Pkt. \$.20 Oz. \$.65 $\frac{1}{4}$ lb. \$ 2.20 Lb. \$ 6.50

AMERICANA

	Tr. Pkt.	Oz.
Lilac —Thistle-like blooms of rosy-lavender color. Splendid for cutting	.... \$ .20	.... \$ .75

DUSTY MILLERS (Approx. 7,500 seeds per oz.)**White-Leaved Types for Border Work**

	Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
Candidissima —(Lamb's Ear) Silvery grey foliage	.... \$ .60	.... \$ 1.25	.... \$ 3.75
Gymnocarpa —(Fern Leaf) Fine Silvery foliage	.... .40	.... .65	.... 2.00

CHERRY (Christmas)

(Approx. 12,000 seeds per oz.)

Masterpiece—Round orange fruits freely produced on uniform bushy plant.

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$.30	\$ 1.50	\$ 4.50

CHRYSANTHEMUMS (Annual)

(Approx. 10,000 seeds per oz.)

Another group which is finding favor with florists for cut flower material. Chrysanthemums last remarkably well as a cut flower, but for best results keep them in water 24 hours before marketing. Sow in mid August to follow early Chrysanthemums. Responds very well to additional light.

Tr. Pkt.	Oz.	
Merry Mixture —Gay Tri-colors \$.40 \$ 2.25

CLARKIA (Elegans Double)

For spring flowering sow in early January and grow in shallow soil in flats or benches. Keep plants on the dry side as vigorous growth is not wanted.

Tr. Pkt.	Oz.	
Mixed \$.25 \$ 2.25

**CENTAUREA CYANUS**

CINERARIA

Positively do not use soil that was previously used for Mums and especially so if your Mums were affected with Verticillium wilt or Seidewitz disease. Cinerarias are attacked by this wilt which is a soil-borne fungus. It will cause the lower leaves to wilt and die and then gradually kill the entire plant. The only prevention for this trouble is to use new field soil from seed flat to finished pot. Steam sterilize soil. Sow in January for spring combination work. Sow from June on for Christmas and late winter pot plants.



Siter's Hybrids
Trade Mark ®

They are a distinct improvement over the original Siter's Strain, and because they are Hybrids from original crosses, cannot be offered by anyone but the originator.

This is an entirely new group of Cineraria Hybrids, blended for a perfect combination of colors, ranging from bright-eyed types through the finer pastel shades.

These new types carry large flower heads with medium-large individual flowers.

Seed for 500 plants	\$ 5.00
Seed for 1000 plants	\$10.00

MULTIFLORA GRANDIFLORA NANA MIXED

Improved German Strain (Approx. 6,000 seeds per 1/32 oz.)

This is an outstanding German Strain consisting of a beautiful color assortment of bright-eyed types.

Tr. Pkt. \$2.50

Gloeckner

FLOWER SEEDS

COLEUS—Rainbow Type

(Approx. 3,500 seeds per 1/32 oz.)

Coleus are now more popular than ever for border planting and in combinations. They do best in a light soil, and outdoors some shade intensifies the colors. Indoors the colors show up best in a sunny window.

SEPARATE COLORS

Creamy White Edged Green

Candidum—Golden yellow with dark green edging

Old Gold Edged Green—Soft amber with pleasing green edge

Pink Rainbow—Salmon pink edged green

Rose Edged Green—Bright rose with edging dark red and green

Rose Shades—Rose shades with dark edging

Velvety Red—(Velvet Rainbow)—Brilliant blood red, one of brightest colors in group

WINDSOR HYBRIDS MIXED

Exceptionally fine strain containing an unusually bright assortment of colors. Even as young plants the foliage color patterns are excellent. Coleus make excellent pot and bedding plants. For Decoration Day sales, sow seed the first week in January.

Prices Above: Tr. Pkt....\$1.75 1/64 oz....\$2.75 1/32 oz....\$5.25 1/16 oz....\$9.50



COLEUS WINDSOR HYBRIDS MIXED

Gloeckner

FLOWER SEEDS

COSMOS (Sensation) (Approx. 5,500 seeds per oz.)

	Tr. Pkt.	Oz.	Tr. Pkt.	Oz.			
Pinkie —Delightful rose pink	\$.30	\$1.50	Radiance—Deep rose with band of rich crimson	.....	\$ .30	\$1.50
Purity —Glistening white30	1.50	Sensation Early Mixed —			
Crimson —Deep red selection of Sensation30	1.50	Flowers earlier than other varieties	.....	.30	1.50

CUPHEA (Approx. 7,000 seeds per oz.)

Firefly—As a spring pot or bedding item, easily produced from seed. Reach a height of twelve inches covered with scarlet flowers.

Tr. Pkt.	\$.40	1/8 oz.	\$.75	1/4 oz.	\$1.35	Oz.	\$4.00
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CYCLAMEN *Gloeckner* Strain

This strain is produced by one of the foremost Cyclamen specialists in Europe and is considered outstanding.

	Per 100	1000	Per 100	1000			
1. Bright Red	\$1.90	\$17.50	15. Salmon Pink with White Rim	.....	\$2.50	\$22.00
2. Light Pink	1.90	17.50	16. Harlequin—Pink with dark stripes	.....	2.50	22.00
3. Rose of Marienthal— Pink with dark eye	1.90	17.50	17. America	.....	2.50	22.00
4. Lilac	1.90	17.50	19. Saffron—Red with salmon sheen	.....	2.50	22.00
5. White with Dark Eye	1.90	17.50	20. Exquisite — Salmon scarlet flower with lighter colored underside of petals	.....	2.50	22.00
6. Pure White	1.90	17.50	21. Apple Blossom	.....	2.50	22.00
7. Glory of Wandsbeck or Perle of Zehlendorf— —Dark salmon	2.40	20.00	22. Peach—Purest peach blossom color	.....	2.50	22.00
8. Rose of Zehlendorf— Light salmon	2.40	20.00	23. Cattleya—Pale lavender lilac blue	.....	2.50	22.00
9. Vermilion	2.50	22.00	24. Sunset—Dark salmon	.....	2.50	22.00
10. Aurora—Light salmon with dark red eye	2.50	22.00	25. Dark Red	.....	1.90	17.50
11. Rococo — Salmon shades fringed rim	2.50	22.00	27. Bordeaux—Red shade	.....	2.50	22.00
12. Bonfire	2.50	22.00	28. Pink with Salmon Eye	.....	2.50	22.00
13. Golden Salmon	2.50	22.00	29. Saffron with Silver Rim	.....	2.50	22.00
14. Silver Salmon	2.50	22.00				

DAHLIAS (Approx. 3,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.	
Unwin's Dwarf Ideal Bedding Mixed —Early flowering semidouble, 20 inches, in a wide range of colors	\$.40	\$.80	\$2.50	\$7.50
Coltress Hybrids —Dwarf single type, very free flowering, height 2 feet, choice mixed colors30	.50	1.75	
Mignon Mixed —Rounded single flowers in a good color range. Ideal for bedding 18 inches.40	.80	2.50	7.50

DELPHINIUM

PACIFIC STRAIN (Vetterle & Reinelt) (Approx. 13,000 seeds per oz.)

This is the finest strain of Delphinium yet introduced. From our personal observation in the field, we find this has unquestionably proven to be the leader in Delphiniums of the better type. The flowers are immense, well set on strong, straight stems, do not shatter, and are 40 to 90% mildew resistant. July or August sowing and transplanting into the field during the fall will produce an early crop with large spikes. Delphiniums require a well-drained soil, neutral in reaction. A January sowing, transplanted in the greenhouse and set out in early spring provides a good cut during the summer.

Astolat Series—The color variations in this series extend from **pale blush through lilac pink to deep raspberry rose**. Large brown, fawn and black bees lend interesting contrast.

Black Knight—The individual florets, 2 to 3" in diameter, are **Dark Purple**, beautifully rounded form with heavy velvety texture. Very large well formed spikes.

Blue Bird Series—This series can be recommended as being the **clearest medium blues with white bees**. They carry well formed round flowers 2 1/4 inches in diameter on very long, graceful spikes.

Bluejay Series—Color striking. **Clear medium to dark blue**. Very intense and alive with contrasting bee.

Cameliard Series—A **pure lavender self**, with **white bee**, individual flowers are very round and flat. Excellent growing habits.

Galahad Series—Flowers **Clear White**, averaging three inches in diameter, pyramidal spikes, good branching habit, strong stems with a high percentage of mildew resistance.

Guinevere Series—**Light Pink Lavender self with white bee**. Individual florets 2 1/2 to 3 inches in diameter. For cut flowers and show purposes. Mildew resistance—50 to 70%.

King Arthur—**Brilliant Royal Violet** with large **white bee**. Individual florets 2 1/2 inches in diameter. Excellent for cut flowers. Mildew resistance from 80 to 90%.

Lancelot Series—**Clear Lilac self with white bee**.

Percival Series—A companion to the Galahad Series. Large **glistening white flowers** with strongly contrasting **black bee**.

Round Table Series—This represents all the color combinations of the Knights and their Ladies which will eventually be introduced. Some three hundred different crosses were used to make up this group.

Summer Skies Series—**Clearest Light Blue with white bee**. Individual florets 2 to 2 1/2 inches in diameter. Ideal for cut flower purposes—Mildew resistance—40 to 60%.

All Colors Mixed—A blend containing all named colors mentioned above.

Prices for all above varieties:

Tr. Pkt. \$2.00	1/8 oz. \$3.00	1/4 oz. \$5.50	Oz. \$20.00
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MISCELLANEOUS STRAINS (Approx. 10,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Blackmore—Langdon Strains	\$.40	\$1.25	\$3.75	\$12.50
Cliveden Beauty (Improved Belladonna) —Selected strain.				
Turquoise blue .....	.40	1.25	3.75	12.50

Bellamosum—Dark Blue. Belladonna habit of growth ...

CHINENSIS (Approx. 19,000 seeds per oz.)

	Tr. Pkt.	Oz.
Alba —Pure white	\$.25	\$1.50
Cambridge Blue —Azure blue .....	.30	2.75
Liberty —Dark blue .....	.25	1.50

DIANTHUS HEDDEWIGII LACINATUS (Approx. 23,000 seeds per oz.)

	Tr. Pkt.	Oz.
Double Gaiety —Bright colors	\$.35	\$2.50
Gaiety—Single —A wide range of gay and brilliant colors	.35	2.50
Sweet Wivelsfield (Single Mixed)—Brilliant colors. Free flowering	.25	1.25

DIDISCUS (Approx. 10,000 seeds per oz.)

	Tr. Pkt.	Oz.
Coerulea —(Blue Laceflower)	\$.30	\$2.50

	Tr. Pkt.	Oz.
Lace Veil —Pure white. Identical habit as blue didiscus. May be dyed any color	.35	\$3.00

DRACAENA
Indivisa (CLEANED SEEDS—10,000 seeds per oz.)

Tr. Pkt.	1/4 oz.	\$1.00	Oz.	\$3.00
Indivisa (IN THE HULL—1,500 seeds per oz.)				

Tr. Pkt.	Oz.	\$.55	1/4 lb.	\$1.65	1 lb.	\$5.50

EUPHORBIA (Approx. 2,500 seeds per oz.)

	Tr. Pkt.	Oz.	1/4 oz.
Variegata —(Snow on the Mountain)			

	Tr. Pkt.	1/128 oz.	1/64 oz.
Affine —An attractive and easily grown pot plant. The violet-blue flowers are fragrant			

	Tr. Pkt.	1/4 lb.	Oz.
Double White Improved —Select florist strain			

	Tr. Pkt.	Oz.
FEVERFEW (Matricaria) (Approx. 150,000 seeds per oz.)		
Indian Chief —Single bronzy red		
Double Lorenziana —Finest mixed		

	Tr. Pkt.	Oz.
Single Mixed		

GERBERA (Transvaal Daisy)

Hybrids Mixed —A selected strain of fully duplexed flowers containing all colors but blue.			
100 seeds	\$.70	1000 seeds	\$5.50

GOMPHRENA (Globe Amaranth) (Approx. 10,000 seeds per oz.)

An attractive everlasting garden flower with some value for cutting. Stands hot, dry conditions.

	Tr. Pkt.	1/4 oz.	Oz.
Buddy —Dwarf strain for bedding, pots and combinations. Bright reddish-purple			
	\$.60	\$1.00	\$3.00
Cissy —Pure white			
	.60	1.00	3.00
Dot-n-Dash —Mixture of Buddy and Cissy			
	.60	1.00	3.00
Orange			
	.30	.50	1.50
Pink			
	.30	.50	1.50
Rubra —Bright deep shade of magenta purple			
	.30	.50	1.50

GREVILLEA (Silk Oak) (Approx. 3,000 seeds per oz.)

March sowing will make a good sized specimen by Fall. June sowing will make 2 1/4 inch pot plants ideal for use in panning poinsettias.

	Tr. Pkt.	1/4 Oz.	Oz.
Robusta —A splendid foliage plant			

GYPSOPHILIA (Baby's Breath) (Approx. 34,000 seeds per oz.)

Free blooming plants of easiest culture. Desirable for cutting to mix with other flowers.

	Oz.	1/4 lb.	Lb.	5 lbs.
Covent Garden Strain Improved —Pure white				

	\$.30	\$.75	\$2.50	\$10.00
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GLOXINIA

Sow in December for 5-inch flowering plants in June. Germination is best if seed is not covered and a 70° temperature is maintained. The soil mixture should consist of a third each of peat, compost, and sand. Never allow the pots to dry and shade lightly, carrying the plants in a 65° house.

	Tr. Pkt.	Tr. Pkt.
Beacon Fire —Light and dark red mixed	1.25	
Emperor Wilhelm —Purple bordered white	1.25	
Fernleaf Type —Velvet red	1.25	
Gierths White —Pure white	1.25	
Hamburger Blood Red	2.00	
Holstein Blut —Blood red	2.00	
King of the Giants —Velvety crimson	1.25	
Marbotts Pink —This is the pinkest of the pink gloxinias and is not to be confused with the usual rose shade. Short growth with upright flower stems make this an outstanding variety		3.00
Panzer Red —Velvety scarlet (originator's strain)		3.00
Switzerland —Red with white border		1.25
Symphony in Rose —Deep rose with white border		1.25
Mixed —This mixture consists of the most desirable Florist strains of the flexible leaf type		1.25

IMPATIENS

(Approx. 66,000 seeds per oz.)

Excellent low-growing bedding plants for part or full shade. Seed germinates in 2 to 3 weeks at 65 to 70°. Dwarf varieties also make good 3 or 4-inch pot plants.

DWARF TYPES

Red Knight —Fiery red, dark green foliage, dwarf	Tr. Pkt.	1/32 oz.	1/16 oz.
		\$2.00	\$6.00
Light Salmon Pink —Pastel pink with deeper eye			\$10.50
Rose Pink —A bright shade of deep rose, compact growing			
White Lady —Pure white			
Tr. Pkt. 1/32 oz. 1/16 oz.			
\$2.50 \$7.50 \$13.00			

Fire Gleam—Scarlet orange with
dark foliage

Orange Gleam—Pleasing shade of
orange

Scarlet Gleam—Bright scarlet with
pleasing foliage

Dwarf Mixed—Bright mixture of
dwarf varieties including orange,
scarlet, pink, rose, cherry red,
and salmon shades

Tr. Pkt.	1/32 oz.	1/16 oz.
\$1.00	\$2.50	\$4.50



IMPATIENS LIGHT SALMON PINK

TALL GROWING TYPE

Sultani Hybrids Mixed

Tr. Pkt.	1/16 oz.	1/8 oz.
\$.50	\$1.10	\$2.00

IPOMEA (Morning Glory)

	Tr. Pkt.	Oz.	1/4 lb.
Clark's Mammoth Blue—(Heavenly Blue Improved)	\$.25	\$.75	\$2.25
Pearly Gates—Lustrous white with creamy shading in the throat	.30	.90	3.00
Scarlet O'Hara—Deep rosy crimson	.25	1.25	
Noctiflora—(Moonflower)—Large flowered white	.20	.60	2.00

KALANCHOE (Approx. 60,000 seeds per 1/32 oz.)

For Christmas flowering, shade the plants with black cloth from September 1st to October 10th, from 5 P.M. to 8 A.M. each day and grow in 60 degree house.

	Tr. Pkt.	1/64 oz.	1/32 oz.
Brilliant Star—Extremely large fiery red flowers. Good for cutting as well as pots	\$1.00	\$3.85	\$7.00

Improved Tom Thumb—Sport of original Tom Thumb with similar habit, but has florets, larger with more substance and a darker red	3.50	6.50	12.00
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Blossfeldiania	.65	1.75
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KOCHIA (Approx. 30,000 seeds per oz.)

Tr. Pkt.	Oz.
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Childsii—Oval shaped plants stay green through entire summer season	\$.15	\$.50
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LARKSPUR**(Approx. 9,000 seeds per oz.)**

OUTDOOR CUT FLOWERS—Sown outdoors from August 15 to September 15 larkspur seedlings will be large enough to winter over for an early summer crop. A mulch prevents heaving over winter. Good results may also be had by sowing seed outdoors as soon as the ground can be worked in spring. Spaced an inch apart, 1 oz. of seed will give about 700 feet of row.

INDOOR SPRING FLOWERS—A December or January sowing produces 3-inch band or pot plants to follow late mums. Space 1 foot apart each way in ground beds and 10 x 10 inches in raised beds. Plants grow 4 to 5 feet tall and do best in a 45 to 50° house.

GIANT IMPERIAL OR BASE BRANCHING

Blue Bell—Azure blue

Miss California—Deep rose on salmon

Blue Spire—Very deep violet blue

White King—Glistening white, huge flowers

Carmine King—Deep carmine rose

Mixed—Named colors

Lilac King—Rich lilac, full double closely spaced florets

Tr. Pkt.	Oz.	1/4 lb.	Lb.
Prices Above:	\$.30	\$1.60	\$5.25

\$16.00

SUPREME STRAIN

A new strain of the popular Giant Imperial or Base Branching Type of Larkspur. Plants have an upright habit with longer spikes and fuller flowers.

Dark Blue Supreme—Rich violet purple

Rose Supreme—Clear, pure deep rose

Lilac Supreme—Clear lilac

Salmon Supreme—A true shade of real salmon

Pink Supreme—Clear rose pink, deeper in color than Pink King and Los Angeles Improved

White Supreme Supreme Mixture

Tr. Pkt.	Oz.	1/4 lb.	Lb.
Prices Above:	\$.40	\$1.80	\$6.00

\$18.00

REGAL STRAIN

Long spikes of well placed florets distinguishes this new strain from all others. It keeps the desirable height and basal branching habits of the Giant Imperials.

Dark Blue—Deep violet blue

Brilliant Rose—Strong deep rose

Lilac—Clear lilac

Salmon Rose—Rich salmon rose overlay

Pink—Brilliant pink on salmon

White—Pure glistening white

Mixed

Tr. Pkt.	Oz.	1/4 lb.	Lb.
Prices Above:	\$.40	\$1.80	\$6.00

\$18.00

LINARIA (Approx. 428,000 seeds per oz.)

	Tr. Pkt.	Oz.
Fairy Bouquet—Pastel shades; compact	\$.25	\$1.75

LOBELIA (Approx. 700,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Blue Stone—Dwarf bright blue	\$.40	\$1.25	\$3.75
Emperor William—Gentian-blue	.40	1.25	3.75
Crystal Palace Compacta—Dark blue	.40	1.25	3.75
Mrs. Clibran Imp.—Dwarf blue, white eye	.40	1.25	3.75
Rosamond—Carmine with white eye	.40	1.25	3.75
Sapphire—Deep blue, white eye, eye, trailing	.40	1.25	3.75
White Lady—Dwarf, sparkling white	.40	1.25	3.75

LUPINUS (Annual)

Giant King (Approx. 13,000 seeds per oz.)

An improved strain 3 to 4 ft. tall. King Lupinus have the base branching habit, with four to six long spikes to the plant. A January sowing will give good 3" pots for spring.

Sky Blue; Heliotrope; Blue; White; Mixed

Tr. Pkt.	\$.25	Oz.	\$1.00	1/4 lb.	\$3.00

MARIGOLD BEDDING VARIETIES

(Approx. 9,000 seeds per oz.)

These fine strains are popular for bedding plant sales and for combination boxes and pots. Sow seed outdoors as soon as the weather warms or start indoors a month before the plants are needed for sale in the spring.

PETITE

This class of extra dwarf French double marigolds is excellent for borders and mass effects. They were All-America winners for 1958 (except Petite Yellow) and are outstanding for bedding purposes.

Petite Orange

Bright orange flowers

Petite Gold

Golden shade between yellow and orange

Petite Spry (New)

Golden yellow with maroon collar

Petite Harmony

Gold crest with mahogany ground

Petite Yellow

Strong clear yellow

Petite Mixture

A formula blend of the above varieties

Tr. Pkt.	\$.45	1/4 oz.	\$1.35	Oz.	\$4.00	1/4 lb.	\$12.00

DWARF FRENCH SINGLE

	Tr. Pkt.	1/4 oz.	Oz.
Brownie—Mahogany-red flowers with golden-yellow centers; 2" across	.35	.60	\$1.80
Flash—Flowers ranging from vivid red through bronze with a few yellow, to give harmonious contrast	.35	.60	1.80
Naughty Marietta—Golden yellow single flowers with maroon blotch	.35	.60	1.80
Red Head—Large flowers mahogany turning to bronze and gold	.35	.60	1.80
Sunny—Clear yellow	.35	.60	1.80

DWARF CHRYSANTHEMUM FLOWERED

Large 2½-inch flowers on dwarf plants, odorless foliage, and uniform compact growth make these ideal for border planting. Available in the following colors:

Cupid Yellow—Bright lemon yellow—early blooming

Cupid Gold—Light gold

Cupid Orange—Rich orange, early blooming

Cupid Mixed—Blend of above three

Tr. Pkt.....	\$.60	1/4 oz.....	\$1.75	Oz.....	\$5.00
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SPUN GOLD —(Bronze Medal A.A.S. 1960)

An early dwarf chrysanthemum flowered type with erect bushy growth and many large double golden yellow flowers. The outstanding features of this Marigold is extreme earliness, uniformity of height and habit, profuse blooming.

Tr. Pkt.....	\$1.50	1/4 oz.....	\$2.50	Oz.....	\$7.50
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MINIATURE EXTRA DWARF

	Tr. Pkt.	1/4 oz.	Oz.
Butterball —Dwarf. Soft butter yellow35	.65	\$2.00
Dainty Marietta —Single extra early very dwarf selection of Naughty Marietta .....	.35	.65	2.00
Gold Crest —Dwarf double golden yellow .....	.35	.65	2.00
Lemondrop —Full double canary-yellow .....	.35	.65	2.00
Melody —Dwarf. Double brilliant orange .....	.35	.65	2.00
Spry Hybrids —Miniature flowers abundantly produced in new and unusual combinations .....	.35	.65	2.00
Spry —Yellow crested center, mahogany red guard petals .....	.35	.65	2.00
Sunkist —Rich deep golden orange .....	.35	.65	2.00
Yellow Pygmy .....	.35	.65	2.00

DWARF FRENCH DOUBLE

	Tr. Pkt.	1/4 oz.	Oz.
Color Magic —Mixture of red, gold striped and mottled combina- tions .....	.35	.75	\$2.25
Eldorado —Canary yellow tinted slightly deeper toward the center .....	.40	1.00	3.00
Giant Spry —Blooms twice the size of Spry .....	.40	1.00	3.00
Harmony —Deep orange, center petals flanked by wide dark maroon, brown petals .....	.30	.65	2.00
Harmony Hybrids —Dwarf attractive mixture of harmony type: crested flowers .....	.30	.65	2.00
Primrose —Double sulphur yellow. Extra fine for borders .....	.30	.65	2.00
Primrose Gem —Primrose-yellow flowers, fully double, 2-2½ inches across. Plants 9 inches tall .....	.40	1.00	3.00
Rusty Red —(Fandango)—Large flower fully double .....	.35	.65	2.00
Scarlet Glow —Mahogany turning to orange scarlet .....	.35	.65	2.00
Tangerine —Distinct bright tangerine-orange. Early bloomer. Ex- cellent for cutting .....	.35	.65	2.00

MARIGOLDS continued on next page

MARIGOLD TALL VARIETIES FOR CUTTING

(Approx. 10,000 seeds per oz.)

Sown in January or February, the plants spaced 4 x 5 inches and grown single stem produce a profitable crop for spring cutting. African tall doubles and Carnation and winter-flowering sorts are most popular, but the others are also needed for variety. All may be grown for spring plant sales and early fall cut flowers.

CHRYSANTHEMUM FLOWERED TYPES

Ball-shaped blooms measure 3" across. For Spring greenhouse or outdoors.

	Tr. Pkt.	1/4 oz.	Oz.
Glitters —Lemon yellow	\$.35	\$1.00	\$3.00
Goldsmith —Golden orange .....	.35	.75	2.25
Happiness —(Medium Dwarf)—About 18" tall. Large flowers of a cheerful golden yellow color. Profuse bloomer .....	.35	.75	2.25
Yellowstone —Clear golden yellow .....	.35	.75	2.25

GIGANTEA

A remarkable new sweet scented, robust growing extremely large flowered type, ideal for show purposes, florist use and garden decoration. It has also been tested and found good for greenhouse culture.

	Tr. Pkt.	1/4 oz.	Oz.
Crackerjack —Uniformly large double flowers produced on shorter plants than Sunset Giants. Yellow and orange shades	\$.50	\$1.00	\$3.00

AFRICAN TALL DOUBLE

These all double strains produce practically 100% true double flowers.

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Fluffy Ruffles —Golden yellow	\$.35	\$1.00	\$3.00	
Orange All Double —Rich orange .....	.30	.55	1.75	\$6.00
Lemon All Double —Bright lemon yellow .....	.30	.55	1.75	6.00

CARNATION FLOWERED

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Guinea Gold —Reselected strain. Golden orange.	\$.30	.55	\$1.75	\$6.00
Man-In-The-Moon —Fully double pale ivory yellow flowers .....	.30	.55	1.75	
Yellow Supreme —Light lemon yellow .....	.30	.55	1.75	6.00

WINTER FLOWERING

Colorado Sunshine—This is a marigold selected as a cut flower variety. It is a luminous golden yellow with ruffled and wavy petals. Flowers 3 to 4 inches. Also recommended for outdoor culture. The stems are long and strong.

Tr. Pkt. \$.50 1/4 oz. \$1.50 Oz. \$4.50

MIGNONETTE (Approx. 26,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.
Giant New York Market—Select strain	\$.35	\$1.00

MIMOSA (Approx. 4,500 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Pudica—(Sensitive Plant)	\$.30	\$.50	\$1.50

MYOSOTIS (Winter Flowering)

(Approx. 30,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Blue Bird—(Early Florist Strain)—Deep blue	\$.50	\$1.50	\$4.50

NASTURTIUM DOUBLE GLEAM

(Approx. 175 seeds per oz.)

	Oz.	1/4 lb.	Lb.
Glorious Gleam Hybrids Finest Mixed—Wide assortment colors	\$.40	\$1.25	\$4.00

DWARF DOUBLE

	Oz.	1/4 lb.	Lb.
Golden Globe—Golden yellow	\$.45	\$1.50	\$4.50
Gem Mixture—Dwarf compact, excellent color range	.45	1.50	4.50

NEMESIA (Approx. 25,000 seeds per 1/4 oz.)

NANA COMPACTA

Dwarf habit. Branches freely from base. Excellent for pots and combination work.

	Tr. Pkt.	1/4 oz.
Superbissima Mixed—Large flowered bright shades	\$.35	\$1.25

STRUMOSA GRANDIFLORA

August sowing for cut flowers in December. October sowing for spring.

	Tr. Pkt.	1/4 oz.
Finest Mixed	\$.30	\$1.00

NICOTIANA (Ornamental Tobacco)

(Approx. 200,000 seeds per oz.)

	Tr. Pkt.	Oz.
Crimson Bedder—Compact, deep crimson	\$.30	\$2.00
Dwarf White Bedder—Dwarf and compact, white scented flowers all day	.35 1/4 oz. \$1.00	3.00
Sensation Mixed—Flowers open during the day, ideal for bedding	.40 1/4 oz. \$1.00	3.25

NIEREMBERGIA (Dwarf Cup Flower)

(Approx. 5,500 seeds per 1/32 oz.)

Sow seed early to have plants in flower for Decoration Day. Excellent plant for edging and general bedding. Will flower profusely during entire summer.

	Tr. Pkt.	1/32 oz.	1/16 oz.
Purple Robe—Deep violet purple	\$.50	\$1.75	\$3.25

PANSIES

(Approx. 21,000 seeds per oz.)

For spring bedding plant sales pansies are sown either indoors in December or January or outdoors from July until September. December- or January-sown plants are carried in a cool greenhouse, transplanted into frames about March and are ready for May sales. Late summer-sown seed outdoors in shaded frames produces large enough plants to be spaced 4 x 6 inches apart in frames, strong enough to carry over winter under a loose mulch. The plants must be well established before winter sets in.

**MASQUERADE****SPECIAL STRAIN MIXED**

This strain possesses very large blooms on vigorous plants, and is especially good for bedding. The color range is quite good containing combinations of deep rich colors in the red and wine shades. F2 hybrids, the plants have tremendous vigor and giant flowers. Compact plants, they are ideal for basket work.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

MASQUERADE

F2 early and bright-colored variety derived from the Oregon jumbo type. Varieties colored in shades of yellow, blue, violet, mauve and rust.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

NON PLUS ULTRA

This strain has large, fine flowers of superb texture and excellent markings. It is made up of fourteen separate colors so blended that it gives a perfect color balance to the mixture. It is without question a perfect strain for the commercial trade.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.00	\$1.75	\$3.50	\$12.00

RUFFLED FANTASIES

Early flowering strain. Producing robust plants with flowers that are ruffled and waved.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.00	\$3.00	\$5.00	\$15.00

PANSIES — Continued

MIXTURES

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Amsterdam Giants —Early free flowering, heat resistant. Large flowered, with a long season of bloom .....	.75	\$1.80	\$3.00	\$10.00
Arcadia —Brilliant colors and pastel shades form a complete color range in this strain characterized by large flowers on sturdy, dwarf plants	1.00	3.00	5.00	15.00
Canadian Giants —A selection out of Maple Leaf Giants. This large flowered mixture has a good color range and flowers of rich heavy substance	1.00	1.85	3.30	11.00
Clear Crystals —Slightly ruffled flowers in a complete color range. Flowers are medium sized	1.00	1.50	2.50	7.50
Jumbo Mixed —Large flowers of great substance on long stems. Many unique colors	1.40	3.40	6.10	16.50
Maple Leaf Giants —Large flowering strain .....	.75	1.75	3.00	10.00
Super Swiss Giants "400"	1.00	2.60	4.70	12.80
Oregon Giants Mixed —Fine strain of giant ruffled pansies. Large heavy textured flowers in a good range of colors	1.25	2.25	4.00	12.00
Swiss Giant Improved —A special blend for florists, superlative in form and range of dark, rich colors. Most of the blooms waved .....	.75	1.50	2.75	9.00

Tall Winter Flowering—Mixed tall growing winter cut flower variety. Mixture consists of bright blue - mauve - yellow cream in combination. Not recommended for bedding

Tr. Pkt.
\$1.00

SEPARATE COLORS

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Alpenglow —Velvet mahogany-red with dark blotch .....	.80	\$2.00	\$3.50	\$11.00
April Snow —Creamy white .....	.80	2.00	3.50	11.00
Berna —Dark violet blue .....	.80	2.00	3.50	11.00
Blue —(Ullswater)—Rich clear blue .....	.80	2.00	3.50	11.00
Bronze Shades —Blend of colors ranging from old gold —rich copper to deep browns. A true jumbo strain	1.65	4.95	8.90	24.00
Coronation Gold —Pure golden yellow, flowers slightly ruffled at edges .....	.80	2.00	3.50	11.00
Luna —Sulphur yellow self .....	.80	2.00	3.50	11.00
Moon Moth —Pure white	1.65	4.95	8.90	22.50
Pay Dirt —Yellow	1.75	6.00	11.00	29.70
Pure White —Paper white, small yellow eye	1.00	2.75	5.00	15.00
Rheingold —Yellow with blotch .....	.80	2.00	3.50	11.00

PEPPERS (Ornamental) (Approx. 9,000 seeds per oz.)

Birds Eye—Popular birdseye or holly berry type

Long Pointed — Fine selection, long pointed type

Christmas Candle — Bears candle-like fruit

Robert Craig — (Dwarf) — Compact, spreading, heavy fruiting

Prices Above: Tr. Pkt. \$1.00 1/4 oz. \$2.00

PETUNIAS

F. HYBRID
MULTIFLORA
— SINGLE

RED SHADES

AZTEC — Improved strain is earlier and more compact growing. Blooms of brilliant scarlet red with gold throat.

COMANCHE — Plants dwarf, compact and free blooming, with flowers of a very deep scarlet red. Improved strain very uniform.

FIREBIRD — (NEW) — Flower color is intense orange red with gold throat. Plants are compact, vigorous and very floriferous.

INCA — Rich, bright rose-red with gold throat. Plants are free blooming, dwarf and compact.

RED GLOW — (Alpha Red) — Bright scarlet red. Very free flowering and very compact plants.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00

RED SATIN



RED SATIN — (All American) — Non-fading brilliant orange scarlet flowers on compact globe shaped plants. Very uniform.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.25	\$4.00	\$7.50	\$14.50	\$26.00	\$46.00	\$82.00

PETUNIAS

F, HYBRID
MULTIFLORA
— SINGLE

ROSE AND
PINK SHADES

BO-PEEP—Flowers are plain edged, deep rose pink with white throat on dwarf compact plants.

GLOWING SUNSET —
(NEW) — Color, difficult to describe, is a lively salmon rose with orange overtone.

LINDA—Plants compact, vigorous and very free flowering, with flower color a clear light salmon pink.



PINK SATIN

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00

PEACH SATIN—Early, large flowered coral pink changing to a soft salmon pink as blossom ages. Vigorous plants resist splitting.

PINK SATIN—Very uniform globe shaped plants which are extremely floriferous. Flowers are brilliant rose pink, with small white area deep in the throat of the bloom.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.25	\$4.00	\$7.50	\$14.50	\$26.00	\$46.00	\$82.00

RUBY—(NEW)—Bright tyrian rose blooms produced on medium early dwarf compact and vigorous plants.

SUGAR PLUM—Color is bright orchid pink with veining and penciling of rich orchid purple. Globe shaped. Withstands adverse weather conditions. Very free flowering.

VENUS—Vigorous, spreading plants which freely produce a maze of clear bright celestial rose pink blooms above the foliage.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00

Gloeckner

FLOWER SEEDS

PETUNIAS

F. HYBRID

MULTIFLORA

— SINGLE

BLUE AND
PURPLE SHADES



MERCURY

BLUE RIBBON—Flowers of a clear violet blue are freely produced on compact uniform plants.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.25	\$4.00	\$7.50	\$14.50	\$26.00	\$46.00	\$82.00

INDIGO GLOW—(NEW)—Plants compact and very free flowering with blooms of a rich indigo blue.

MERCURY—(NEW)—Flowers slightly star shaped are a clear, medium light blue with light yellowish throat. Very dwarf and compact but with plenty of vigor. Blue color compares to varieties Heavenly Blue or Silver Blue.

NEPTUNE—Weather resistant, vigorous, dwarf compact plants which produce freely blooms of a rich medium violet blue.

PURPLE GLOW—(Alpha Purple)—Lustrous deep purple flowers are produced in abundance on very compact, semi-spreading plants.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00

Gloeckner

FLOWER SEEDS

PETUNIAS

F, MULTIFLORA — SINGLE

BI-COLOR AND STARRED VARIETIES

COMET—Plants are compact and vigorous, producing blooms of a bright warm crimson red, each with a perfect white star.

SATELLITE — Profuse early flowering plants are dwarf and compact having blooms of bright rose with contrasting perfect white star.



SATELLITE

GLITTERS—(All American)—Bright fire chief red ground color, with contrasting white stripes. Extra dwarf compact and free flowering.

SPACE STAR—(NEW)—Striking bright rose red with pure white star. Plants are dwarf and compact with colors both brilliant and appealing.

STAR FLIGHT—Rich purple with white star, color of variety Elks Star but more uniform both in markings and plant habit.

THE CLOWN—Blooms are large and of an attractive salmon red with contrasting white stripes, giving a starred effect.

WHITE

JACK FROST—Compact uniform plants which are literally blanketed with sparkling white blooms.

PALE FACE—Plants vigorous, dwarf, compact and very uniform. Blooms which are pure white are freely produced.

WHITE HARMONY—(NEW)—Medium early flowering with fairly large pure white flowers which are produced in abundance. Plant habit very dwarf yet vigorous. Excellent producer.

MIXED

GLOECKNERS F, HYBRID MULTIFLORA MIXTURE—A formula blend using only the varieties which we feel are the outstanding items in each color group.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00

Gloeckner

FLOWER SEEDS

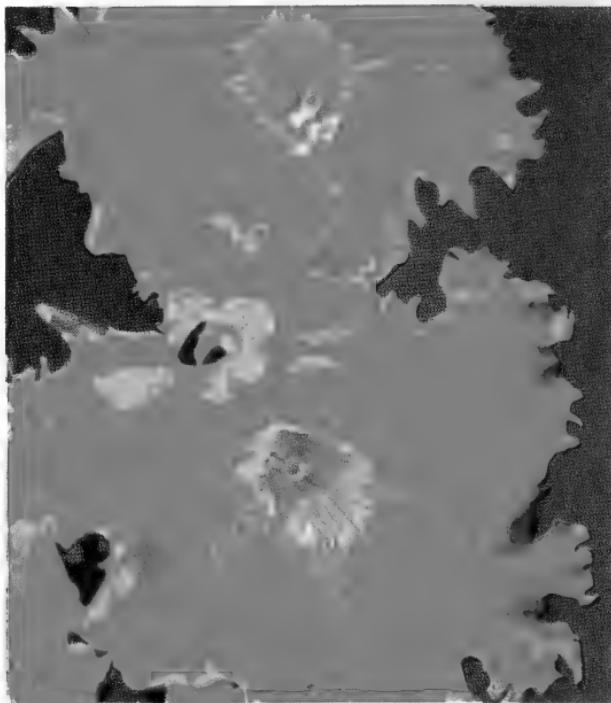
PETUNIAS

F. HYBRID GRANDIFLORA

— SINGLE

RED SHADES

Bonfire—Dazzling deep salmon scarlet with golden throat. The large plain edged flowers are borne on dwarf compact plants.



SCARLET LUSTRE

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

Fire Dance—Fringed salmon scarlet flowers on dwarf compact plants.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Fire Gleam—Brilliant salmon scarlet fringed flowers. Plants are very vigorous.

Red Chief—(New)—Plain edged large deep red flowers. Slightly lighter than Fire Chief. Free flowering—dwarf habit.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

Scarlet Lustre—Color is brilliant scarlet with gold throat. The flowers are large and slightly ruffled with some fringing.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$3.00	\$5.50	\$10.00	\$19.00	\$36.00	\$69.00	\$129.00

Tango—One of the most popular varieties. The fringed deep scarlet salmon flowers make a brilliant display against the dark green foliage.

Toreador—The large slightly ruffled flowers of a warm velvety crimson color. Growth dwarf and compact.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

PETUNIAS**F. HYBRID
GRANDIFLORA****— SINGLE****ROSE AND
PINK SHADES**

BALLERINA — Flowers are well fringed with color a soft glowing salmon. Extremely free flowering, dwarf and uniform.

**BALLERINA**

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

FAIRYLAND—Fairly large blooms are nicely fringed. Color a light salmon pink produced on very dwarf uniform plants.

FLIRT—Robust grower producing plain edged flowers of a clear light salmon pink. Withstands adverse weather conditions.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

LAVENDER LACE—Bright rosy orchid lavender with rich plum-purple penciling. Plants dwarf and compact with flowers well fringed and ruffled.

MAESTRO—(NEW)—Plants are dwarf, compact spreading with dark green foliage. Fringed, ruffled blooms of a brilliant cerise rose with striking golden yellow throat.

MAYTIME—(All American)—Very free flowering with huge blossoms of clear light salmon pink with slightly deeper penciling.

PRIMA DONNA—(All American)—Large fringed bright rose pink. Uniformly dwarf compact and spreading.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

ROSE BEAUTY—(NEW)—Medium early large fringed flowers of a deep bright rose. Are freely produced on dwarf vigorous plants.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

PETUNIAS**F, HYBRID
GRANDIFLORA
— SINGLE****BLUE SHADES**

Bluebell — Light violet blue non fringed variety that has a medium dwarf compact growth.

**BLUE LACE**

Blue Lace — Orchid blue shade pencilled violet. Harmonizes well in any planting. Flowers are fringed.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Blue Lustre — Large ruffled violet blue flowers. Freely produced on uniform bushy plants.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$3.00	\$5.50	\$10.00	\$19.00	\$36.00	\$69.00	\$129.00

Blue Magic — Slightly fringed and ruffled, color is medium deep violet blue. Dwarf compact vigorous grower.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Blue Mantle — Medium sized ruffled rich violet blue flowers. Growth is uniform with flowers well displayed.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

Psyche — Clear steel blue with darker veining—uniform in color and habit.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

PETUNIAS**F, HYBRID
GRANDIFLORA****— SINGLE****BI-COLOR**

CRUSADER—A popular Bi Color. Flowers are fringed and the color is rose pink striped on white.

SABRE DANCE—Flowers are crimson with a white star pattern. The large ruffled blooms are produced on dwarf compact plants.

**CRUSADER**

MINSTREL—Fairly large flowered. Habit is dwarf and uniform. Flowers are white with rich blue markings.

ROSE VEIL (NEW)—Fringed flowers are white or blush with fine rose veins.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

WHITE

LA PALOMA—The well fringed white flowers with yellow throat are freely produced on uniform plants.

WHITE MAGIC—Large ruffled pure white blooms. A heavy producer with dwarf growth habit.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

SNOW CAP—Large pure white ruffled flowers on vigorous plants about 12" tall. The true grandiflora size blooms are produced in abundance, making this an outstanding bedding variety.

SNOW LADY—Well fringed large pure white flowers on dwarf growing plants. Early and Free flowering.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

MIXED

F₁ GRANDIFLORA—A blended mixture of the best in the F₁ Grandiflora fringed and ruffled varieties.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

ALL DOUBLE PETUNIAS

GLOECKNERS ALL DOUBLE MIXED—A formula blend consisting of only the best varieties selected from all available double strains.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.60	\$14.45	\$28.00

PAN AMERICAN STRAIN

This is an exceptionally fine strain of All-Double Petunias bred and grown in the United States. It is considered one of the leading strains bearing large double blooms in the most popular colors.

Allegro—Buds are scarlet salmon, which open to a bright deep salmon. Flowers fully fringed. Plants are dwarf and uniform.

Caprice—Fully fringed blooms of a bright rose are borne on uniformly dwarf and vigorous plants.

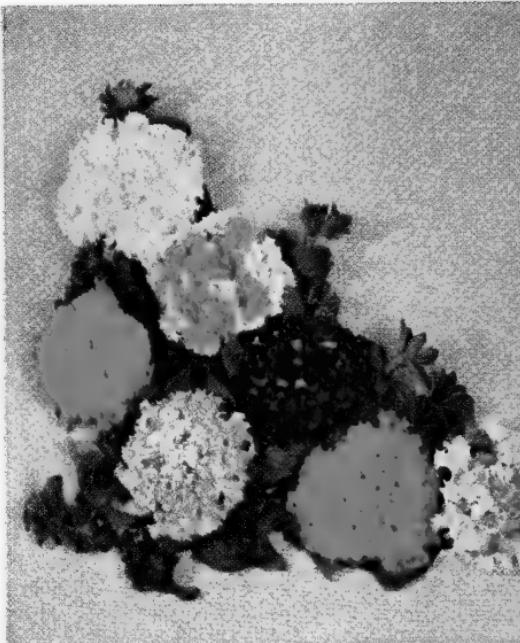
Nocturne—Medium sized blooms of deep violet purple, produced on dwarf compact plants.

Presto—Brilliant rose and white variegated. A double version of Crusader. Large fringed flowers on dwarf compact plants.

Rhapsody—Flowers are burgundy wine-purple, on vigorous dwarf plants.

Sonata—Large pure white flowers which are deeply fringed. Medium dwarf vigorous plants.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.50	\$2.50	\$16.00	\$29.50



**ALL DOUBLE
GLORIOUS MIXED**

GLORIOUS MIXED—A balanced complete mixture of the Pan-American All Double Varieties.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.50	\$14.50	\$28.00

ALL DOUBLE PETUNIAS — Continued

JAPANESE VICTORIOUS AND GIANT VICTORIOUS STRAINS

Gaiety—Extra dwarf base branching plants having medium sized blooms which are striped and mottled bright rose pink and white. The most popular of the Japanese Doubles.

Attraction—Rich bright rose and white variegated. Medium dwarf habit and slightly deeper in color than Gaiety.

Blue Monarch — Dark blue-purple (Improved Blue Brocade). Large fully double flowers.

Cheerful Improved—Habit is dwarf and vigorous, with large flowers of a uniform soft salmon pink.

Purple Queen—Large rich velvety purple flowers which are fully double and well fringed.

Rosy Carmine — (World Beauty) Plants are uniform and dwarf with blooms of rich deep rose.

White Swan—Well fringed, large white flowers. This variety is improved over all victorious whites yet offered.

Mixed—Formula blend of the best Japanese varieties.



PETUNIA DOUBLE VICTORIOUS

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$6.50	\$12.00	\$22.00

CANADIAN MIXED IMPROVED—A very desirable mixture of doubles having a more balanced color range through the addition of shades which had been lacking in the past.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.60	\$14.45	\$28.00

*Gloeckner*FLOWER SEEDS**PETUNIAS****HYBRIDA NANA ERECTA (Dwarf Hybrida Class)****(Approx. 280,000 seeds per oz.)**

	Tr. Pkt.	1/4 oz.	Oz.
Admiral —Dwarf blue. Flowers ruffled at edge. 1/64 oz. \$1.75 ; 1/32 oz. 3.00 ; 1/16 oz. 5.25		.85	
Blue Bedder —Mid blue	.40	\$1.35	\$4.25
Celestial Rose Improved —Deep rose, very compact	.60	2.25	6.50
Fire Chief —True scarlet. 1/16 oz. 1.65 ; 1/8 oz. 3.00	.50	5.00	15.00
Rose of Heaven Improved —Very dwarf	.50	1.50	5.25
Rosy Morn Improved —Very dwarf	.50	1.50	5.25
Sky Chief —Compact plant. Pale blue. A little lighter than heavenly blue	.50	1.75	6.00
Snowball —Pure white, compact	.50	1.75	5.50
Twinkles —Brilliant rose starred white	.60	3.00	9.00
Velvet Ball —Dark red. Almost identical to King Henry but a better variety for bedding. 1/16 oz. 1.00 ; 1/8 oz. 1.85	.75	10.00	
Violacea —Deep velvety purple	.50	1.40	4.50
Choice Mixed	.50	1.75	6.00

GRANDIFLORA F2

	Tr. Pkt.	1/32 oz.	1/64 oz.
Carnival —A mixture of fringed and ruffled flowers, typical of the grandiflora type, consisting of wide range of colors, in- cluding solids and bi-colors		\$1.50	\$3.85

GRANDIFLORA COMPACTA (Single Fringed—Dwarf)

	Tr. Pkt.	1/32 oz.	1/16 oz.
Gaiety —Rose and White	.80	\$1.75	\$3.00
Innocence —(Fringed Snowstorm). Pure white flowers; dwarf	1.00	2.50	3.75
Lace Veil —Pure white	.85	2.00	3.50
Setting Sun —Deep rose	.85	2.00	3.50

NANA COMPACTA FRINGED

	Tr. Pkt.	1/64 oz.	1/32 oz.
Little Giant Mixed —(Ruffled)—Extra large, well ruffled flowers with open throats. Dwarf Giants of California Type in form and size	.75	\$1.50	\$2.75
Little Giants, Pink Shades —Same as above but pink only	1.00	1.75	3.00

PETUNIAS

CALIFORNIA RUFFLED GIANTS (Large Throated)

(Approx. 180,000 seeds per oz.)

	Tr. Pkt.	1/64 oz.	1/32 oz.
Glamour —Salmon rose, delicately veined brown in the creamy throat		\$1.75	\$2.75
Supreme Strain —Rose and pink shades	1.00	1.75	3.00
Ruffled Monster Mixed	.75	1.50	2.50

DWARF GIANTS OF CALIFORNIA

(Approx. 160,000 seeds per oz.)

Ramona Strain—(Select). A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well-marked throats.

Dwarf Continental Giants—A selected dwarf strain in an exceptionally fine mixture.

Multibloom Mixed—This dwarf and vigorous strain is exceptionally free flowering, in a complete range of colors found in this type and having flowers which are equally as large and frilled as those found in the regular strain. Plants are a little more dwarf and spreading than the regular strain.

Tr. Pkt.	1/64 oz.	1/32 oz.	1/16 oz.
\$1.75	\$2.75	\$5.00	\$9.50

BALCONY

Tr. Pkt. 1/4 oz. Oz.

Black Prince —Deep rich velvety crimson	.40	\$2.25	\$6.75
Blue —Rich indigo	.40	2.25	6.75
Crimson —Velvety	.40	2.25	6.75
Rose —Brilliant	.40	2.25	6.75
Balcony Rosy Morn —Pink with white throat	.40	2.25	6.75
White —Pure white	.40	2.25	6.75
Mixed Colors	.40	2.25	6.75

GRANDIFLORA SINGLE FRINGED

(Approx. 230,000 seeds per oz.)

Tr. Pkt. 1/64 oz. 1/32 oz.

Dainty Lady — Very pale yellow	\$1.00	\$2.25	\$3.75
Theodosia Improved — Largest fringed rose, gold throat	.90	1.80	3.30
White Beauty	.75	1.50	2.75
Fluffy Ruffles Mixed	.60	1.50	2.75

GRANDIFLORA SINGLE PLAIN EDGED

(Approx. 230,000 seeds per oz.)

Tr. Pkt. 1/64 oz. 1/32 oz.

Blue Beauty — Distinct shade of violet blue	.75	\$1.50	\$2.75
Dazzler — Brilliant scarlet, compact	.75	1.50	2.75
Dwarf Elks Pride — Dwarf dark velvety purple	.85	2.00	3.50
Pink Glory Improved — Flame rose pink, very compact	.85	2.00	3.50
Popcorn — Pure white	1.50	2.75	5.00
Royalty — Large ruffled flowers in a combination of purple and white	.85	2.00	3.50
Snowstorm Improved — Glistening white, shaded yellow in throat	.85	2.00	3.50
White Cloud — Pure white, dwarf compact	.85	2.00	3.50

*Gloeckner***FLOWER SEEDS****PHLOX DRUMMONDI**

(Approx. 17,500 seeds per oz.)

Annual phlox is an attractive bedding plant that endures summer heat. The compact plants are covered with flowers. Should definitely be recommended to your customers.

*Gloeckner*SPECIAL STRAIN
MIXED

This is an exceptionally dwarf strain of phlox especially adapted to pot culture for spring sales. The mixture of colors are well balanced and bright with fine individual flower heads.

This strain has been well tried in many localities as we have had it for a number of years in very limited quantities.

Tr. Pkt. \$1.00

1/4 oz. \$2.00

1/2 oz. \$3.50

Oz. \$6.00

NANA COMPACTA

	Tr. Pkt.	1/4 oz.	Oz.
Apricot	\$.40	\$1.00	\$3.25
Fireball—Fiery red	.40	1.00	3.25
Isabellina — Yellow	.40	1.00	3.25
Snow Ball—			
Pure white	.40	1.00	3.25
Mixed	.40	1.00	3.25

Twinkle—(Dwarf Star Mixed)—All-American Compact plants, good color range. Blooms very early in flats and continues well into the summer.

Tr. Pkt. 1/4 oz. Oz.
\$.75 \$2.35 \$7.00

GIGANTEA**Art Shades Mixed**

A strain of Phlox Drummondi with flowers measuring 1 1/4 to 1 1/2 inches in diameter. The habit is erect and uniform, growing from 9 to 12 inches tall.

Tr. Pkt. \$.45 1/4 oz. \$1.00 Oz. \$3.50

**PHLOX "TWINKLE"****PORTRULACA**

(Approx. 307,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Jewel—(Single)—Deep carmine	\$.30	\$.75	\$2.75
All Double Mixed—Large flowering mixed. Extra fine quality	.50	1.25	4.00
Single Mixed—Large flowering mixed	.25	.70	2.35

PRIMULA**ERIKSSON'S MALACOIDES**

Glory of Riverside Imp.—True rose pink. Strong grower.

White Giant—An exceptionally strong grower and well adapted for combinations.

Mrs. Eriksson of Riverside—A glowing rose-red. A very strong grower.

Lavender—This variety contains the most beautiful shades of lavender.

Red—An outstanding glowing red. Large flowered and heavy producer.

Price of the Above: Tr. Pkt. \$1.25 1/64 oz. \$2.75

MALACOIDES (Approx. 12,000 seeds per 1/32 oz.)

Tr. Pkt.

Springtime—An attractive Salmon-pink that does not fade with age \$2.00

Flamingo—Clear pink flowers, strong, compact plants 2.50

OBCONICA (Approx. 4,000 seeds per 1/32 oz.)

A valuable pot plant item which sells on sight. These brightly colored primulas are sown from January on for Christmas and early winter sales.

Fasbender Red

White — (Snowstorm)

Mohnstein Red

Blue

Mueller Rose

Mixed

Price of the Above: Tr. Pkt. \$1.25 1/64 oz. \$2.75

RICINUS (CASTOR BEANS)

(Approx. 30 seeds per oz.)

Zanzibariensis Mixed—Very richly colored foliage. Enormous plant, on good soil growing 10' high.

Oz.	1/4 lb.	Lb.
\$.20	\$.60	\$2.00

RUDBECKIA

Gloriosa (Tetra)—Mixture of bright yellow rich mahogany and bi-color flowers. Height 3 foot.

Tr. Pkt.	1/16 oz.	1/4 oz.
\$.85	\$1.50	\$4.50

Goldflame—Annual with large golden yellow flowers and crimson center. Height 12 inches.

Tr. Pkt.	1/16 oz.	1/4 oz.
1.50	2.50	7.50

SALPIGLOSSIS

(Approx. 105,000 seeds per oz.)

EMPEROR OR SUPERBISSIMA

Tr. Pkt.	Oz.
Finest Mixed	\$.25
	\$1.80

SCABIOSA
(Old Maid's Pincushion)

(Approx. 4,000 seeds per oz.)

LARGE FLOWERED TALL DOUBLE

Ageratum Blue—Mid blue

King of the Blacks—Reddish black

Loveliness—Salmon rose shades

Rosette

Shasta—Pure white, very large

Special Mixture

Prices Above: Tr. Pkt. \$.30 Oz. \$2.50

IMPERIAL GIANTS

Blue Moon—Flowers composed entirely of broad, heavy, wavy petals. Rich in deep lavender blue.

Bridesmaid—Salmon pink shades.

Coral Moon—Deep and light shades of Salmon Rose.

Lavender Moon—Silvery lavender, long-stemmed.

Silvermoon—Purple paper white.

Imperial Hybrids Mixed—Large flowers with strong stems. Mixed salmon and rose shades.

Prices Above:

Tr. Pkt. \$.25 1/4 oz. \$.75 Oz. \$2.25

SALVIA

(Approx. 7,500 seeds per oz.)

This beautiful scarlet-flowered annual is gaining in popularity and is constantly in demand by homeowners. From July until frost it blooms profusely and is handsome in combination with white and/or pink petunias. It also may be recommended to plant in borders beside chrysanthemums for a striking fall color display. Seed should be sown in March in flats to which bottom heat is given to speed germination. From seedling to finished plant, no soil sterilized with methyl bromide should be used.

**SALVIA "SALMON PYGMY"****EARLY BLOOMING (Early July)**

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Blaze of Fire —16 inches	.85	\$2.25	\$7.25	\$24.00
Fireworks —10-14 inches. Improves St. John's Fire in its earliness of bloom and dwarf compact growth	1.00	3.00	10.00	33.00
Firemagic —10-12 inches	1.00	3.00	10.00	33.00
Harbinger —16 inch bright scarlet	.85	2.25	7.25	24.00

SALMON PYGMY (New)

Salmon-pink companion of the popular scarlet pygmy. Habit the same differing only in color of flowers.

Tr. Pkt.	1/4 oz.	1 oz.
1.00	\$5.75	\$17.50

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Scarlet Pygmy —10" compact plants, early blooming	1.00	\$4.00	\$12.00	\$38.00
St. John's Fire —12 inch	1.00	2.75	9.00	30.00
Toreador —Dwarf, improvement of St. John's Fire	1.00	3.00	10.00	33.00

MID BLOOMING (Mid July)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Firebrand —18 inches	.85	\$2.25	\$7.25	\$24.00

LATE BLOOMING (Late July)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
America —(Globe of Fire) 20 in.	.65	\$2.00	\$6.00	\$20.00
Bonfire —(Clara Bedman) 26 in.	.60	1.50	5.25	17.50
Splendens —Original late-flowering variety, 30 in.	.45	1.40	4.50	15.00
Zurich —25 inches	.65	1.50	5.25	17.50

FARINACEA (Blue Sage)

	Tr. Pkt.	1/4 oz.	Oz.
Blue Bedder —Medium lavender-blue, 3 ft.	.50	\$1.25	\$4.00
Royal Blue —More intense blue than above	.60	1.50	5.00

SCHIZANTHUS

(Approx. 43,000 seeds per oz.)

Late summer sowing planted after early Chrysanthemums should flower in March. If additional light is used from October 25, blooming will start in January.

	Tr. Pkt.	1/8 oz.	1/4 oz.
Angel Wings —Compact, conical plants are extremely uniform. Blooms in a wide range of brilliant colors. All have contrasting gold centers	\$.60	\$1.80
Dr. Badger's Hybrids —A highly colored large-flowered strain of medium height. Suitable either for pots or cutting50	.80
Excelsior Compactus Mixed —Very dwarf (10" approx.) for pots..60	1.80
			3.25

SHAMROCK

For effective plants on March 17 seed is sown between Christmas and New Years on top of prepared pots as thickly as you would sow grass seed. This insures nice saleable pots.

	Tr. Pkt.	1/4 oz.	Oz.
True Irish	\$.20	\$.35
			\$1.20

STATICE SINUATA

Heavenly Blue—Bright clear skyblue
Kempf's Tall Improved—Deepest blue
Lavender Queen
Market Rose—Deep rose, long stemmed
Rosea Superba
Snow Witch—Tall pure white
Yellow—(Bonduelli)

New Superb Hybrids—Improved mixture

Prices Above:

Tr. Pkt.	Oz.	1/4 lb.	Lb.
\$.25	\$.75	\$2.50	\$7.50

STATICE SUWOROWII

RUSSIAN OR RAT TAIL STATICE

Tr. Pkt. Oz.

Long Lavender Spikes
 Useful statice for green-house forcing

\$.30 \$3.00

STATICE SINUATA

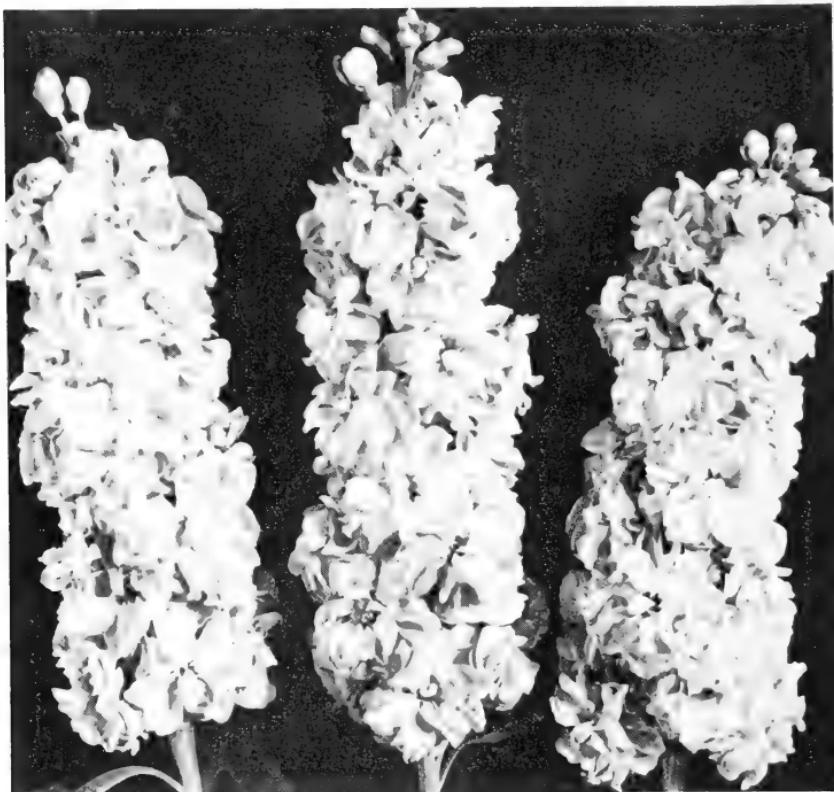


Gloeckner

FLOWER SEEDS

STOCKS

(Approx. 18,700 seeds per oz.)



STOCK NON BRANCHING — "SILVERY LILAC"

NON-BRANCHING

EXCELSIOR COLUMN STOCKS

Apricot—Rich apricot tinged pink. Long spikes.

Deep Apricot

Purple Heart—Bright violet purple.

Ruby Improved—Bright scarlet crimson.

White # 16

Enchantress Pink—Deep blush pink. Large flowered.

Gardenia—Glistening white.

Pacific Blue—Clear mid blue.

Pacific Pink—Pure pink. Outstanding under artificial lights.

Pacific Yellow—Early. Improves Yellow Wonder.

Silvery Lilac.

Twilight Lavender—Deep lavender, excellent under artificial lights.

White Goddess—Early. Has perfect stems for cutting and shipping.

Formula Mixed.

Prices Above:

Tr. Pkt. \$1.25

1/4 oz. \$2.75

Oz. \$10.00

STOCKS — Continued

STOCK CULTURE

Stocks are very satisfactory for Winter and Spring flowering. Sowing the seed in August and benching in October, the first flowers may be cut before Christmas if additional light (40-60 watt lamps spaced 5 feet) is used. Without this aid, the crop will come into flower in January. Continuity of bloom may be obtained by successive sowings to about the middle of February. This non-branching type, which has come into general use, should be planted 3 inches in the row and 6 inches between rows, producing a single stem. The branching types should be planted 8 x 8 inches and topped when 6 inches tall to produce side shoots of sufficient length.

Flowering of stocks only occurs when the temperatures are below 60 degrees for the greater part of the night. To secure the greatest percentage of doubling, the largest and most vigorous plants should be selected.

SOWING DATES FOR NON-BRANCHING STOCKS

Time of sowing	Flowering
August 1	January
September 1	February
October 1	March
November 1	April
December 1	May
January 1	Mother's Day
February 1	June
February 15	June 15

BRANCHING

GIANTS OF CALIFORNIA

When grown similarly to the non-branching type, remove side shoots to branch. Space 8 x 8 inches and top when six inches tall.

Pacific—Blue

Red Woods—Blood red

Santa Barbara—Chamois

Prices Above: Tr. Pkt. \$.40 1/4 oz. \$1.40 Oz. \$4.50

BISMARCK (Early Giant Imperial)

Popular with the florists for a cut flower. Also excellent for bedding.

Buttercup

Elk's Pride—Rich deep

Golden Rose

Chamois—Rose

purple

Lavender

Dark Blue

Fiery Blood Red

White

Flesh—Bright flesh

Formula Mixed

Prices Above: Tr. Pkt. \$.40 1/4 oz. \$1.25

Oz. \$4.00

DWARF TEN-WEEK

Large Flowering for Pot Plants and Bedding

Blood Red

Deep Rose

White

Canary Yellow

Lavender

Mixed—All colors

Carmine

Purple

Prices Above: Tr. Pkt. \$.30 1/4 oz. \$1.00 Oz. \$3.00

TRYSMIC GIANT IMPERIAL

Produces 85 per cent or more double-flowered plants. When the seedlings reach the four-leaf stage, pick out the small, weak ones that will develop into singles and insure close to 100 per cent double-flowering plants.

Fiery Red

Canary Yellow

White

Bright Rose

Lilac Lavender

Choice Blend

Chamois

Navy Blue

Prices Above: Tr. Pkt. \$1.75 1/8 oz. 2.75 1/4 oz. \$5.00 Oz. \$18.00

SWEET PEAS (Approx. 340 seeds per oz.)

MULTIFLORA CLASS

A new, free-flowering class of Sweet Pea which produces many stems with five and six flowers. Stems are exceptionally long as well, making this a profitable market variety. Sow from mid July through November.

Beauty Rose	Rich crimson rose
Blue Wonder	Clear medium blue
Christmas Red	Crimson
Elks Purple	Deep purple
Deep Rose	Deep coral rose
Lavender	Clear lavender
Orange Scarlet	On white ground
Salmon Pink	Medium rose pink, with salmon cast
Whirlwind	Light cream pink
Pure White	White seeded
Mixed	

	1/2 oz.	1 oz.	1/4 lb.	1 lb.
Prices:	\$.90	\$1.50	\$5.00	\$16.50

EARLY WINTER FLOWERING

Sow from July to September.

PINK

Annie Laurie—Pure rose pink
Ball Rose Improved—Cerise pink
Jeanne Mamitsch—Cerise pink
Josie—Brilliant rose pink, long stems
Laddie Improved—Long stemmed giant rose, pink
Rose Queen Improved—Rose pink
Shirley Temple—Delightful soft rose pink

BLUE

Blue Bonnet—Best clear blue
Mrs. Herbert Hoover—Clear blue
Princess Blue—Rich belladonna blue

ORANGE

Ball Orange Improved—Clear deep orange
Sequoia—Golden salmon cerise, large flowers
Treasure Island—Sparkling shades of golden orange
Valencia—Sunproof orange

LAVENDER

Fragrance—Clear lavender
Harmony—Clear lavender
Lavanda—Clear lavender
Memory—Clear rosy lavender
Triumph—Lilac mauve, long stemmed
Twilight—Lavender, with larger flowers than Harmony, which is nearest this color; vigorous grower

RED

Bright Light—Flaming scarlet
Fiesta—Red
Grenadier—Dazzling scarlet
Mars—Rich deep crimson
Pride—Pure deep even cerise
Signal Red—A real sunproof scarlet of great brilliance

WHITE

Hope—(Black Seeded) Pure white
Snowstorm—White
White Harmony—(Black Seeded)

Prices:	Oz. \$.55	1/4 lb. \$1.65	Lb. \$6.00
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SWEET PEAS

SPRING FLOWERING

CUTHBERTSON STRAIN

The Cuthbertson Strain is recommended for sowing after November 1. It requires strong spring sun for best bloom.

This strain flowers two weeks later than the early spencers, and two to three weeks earlier than the summer flowering varieties when sown outdoors in the north.

Billy—Bright cerise rose on salmon

Carol—Strong growing clear pink

Coline—Vigorous sunproof scarlet

Danny—Navy blue

Doris—Deep cherry rose

Evelyn—Salmon cream pink

Frank G.—Strong growing lavender

Prices: 1/2 oz. \$.35

Jimmy—Deep scarlet

Janet—A pure black seeded white

Jessie—Wavy flowers of clear satin mauve

Lois—Rose pink on white background

Robert—Clear medium blue

Mixed

1 oz. \$.55 1/4 lb. \$1.65

SUMMER FLOWERING

WHITE

***Gigantic**—White-black seeded
Snow White

LAVENDER

King Lavender—Clear lavender

***Highlander**—Pure lavender

Powerscourt—Large lavender

PINK

***Pinkie**—Large rose pink

***Crony**—Shrimp pink

Floradale—Rich salmon pink
on cream ground

Pink Frills—Rich cream pink

Prices: Oz. \$.40

BLUE

Reflection—Clear mid blue

Flagship—Deep navy blue

RED

***Welcome**—Dazzling scarlet

Rubicund—Crimson scarlet

ORANGE

***Orange Flare**

Tangerine Improved—Fiery orange

1/4 lb. \$1.25 Lb. \$4.00

THUNBERGIA — Black Eye Susan

(Approx. 1,300 seeds per oz.)

Tr. Pkt. 1/4 oz. Oz.

Alata—Climbing or trailing plants producing an abundance of flowers in shades of yellow, buff and orange with black centers \$.35 \$.60 \$1.80

TORENIA

(Approx. 375,000 seeds per oz.)

Tr. Pkt. 1/8 oz. 1/4 oz.

Fournieri—Rich combination of deep blue with violet splotches on lip. Good for Combinations, Pot Plants and Bedding \$.40 \$1.25 \$2.25

VINCA

An excellent Bedding Plant. Sow seed in August or September.

DWARF TYPE

	Tr. Pkt.	1/4 oz.	Oz.
Bright Eye —Pure white with rose eye. Same dwarf and compact habit as Little Pinkie	\$1.00	\$2.50	\$7.75
Little Pinkie (Coquette) —Plants attain height of approx. 10" and flowers are rose-pink, foliage deep green .....	.45	1.35	4.50
Rose Carpet (Creeping) —Rose colored flowers has creeping habit instead of upright growth..	1.00	3.00	9.00

TALL CLASS

Alba Pure —Pure white	Kermesina —Crimson
White with eye	Rosa —Pink
Tr. Pkt. \$.30	1/4 oz. \$.60

Oz. \$2.00

VERBENA (Approx. 10,000 seeds per oz.)

Excellent for window boxes or combinations, Verbenas are also popular for bedding. To hasten germination seed should be sown in a 65° soil temperature. Because the plants tend to sprawl, they are easier to handle during the bedding sale season if they are pinched back early. Once established they may be grown at 50° night temperature.

Gloeckner SPECIAL STRAIN
MIXED

A fine mixture of dwarf Verbena for spring bedding plant sales. The plants are very dwarf in habit and have a splendid range of colors containing many of the eye types through the mixture. Especially adapted to growing in 2 1/4" and 3" pots.

Tr. Pkt.	1/4 oz.	1/2 oz.	Oz.
\$1.00	\$2.00	\$3.50	\$6.00

BUSH-TYPE (Multiflora)

These new "Bush-Type" Verbenas are becoming very popular for their uniform, vigorous and upright growth. Eight to ten inches high, the plants are topped with a dense mass of flower heads.

Firelight—Vivid solid red**Snow White****Roselight**—Bright rose, white eye**Starlight**—Blue, cream eye**Salmon Queen**—Salmon-pink**Bush Type Blend** — Brilliant mixture of above

Prices Above: Tr. Pkt. \$.55 1/4 oz. \$1.30 Oz. \$4.00

VERBENA — Continued

HYBRIDA GRANDIFLORA GIGANTEA

A popular bedding plant due to its free flowering qualities. Seed must be sown early to get good plants for Spring.

Beauty of Oxford Hybrids—Rose pink to rose shades.

Cerise Queen—Salmon cerise

Crimson Glow—Glowing crimson

Lavender Glory—Lavender with light eye

Marilyn—A fiery cerise rose with small cream eye

Sutton's Blue—Deep royal blue without eye

White—Pure white

Mixed

Prices Above: Tr. Pkt. \$.45 $\frac{1}{4}$ oz. \$1.25 Oz. \$3.75

DWARF COMPACTA (An Extra Dwarf Type)

This type has a neat dwarf compact habit void of open centers. Flowers over a long period.

Crystal—Pure white flowers produced in abundance

Dazzle—Solid, scarlet-red flowers

Delight—Coral-pink suffused salmon

Sparkle—Bright scarlet red with large white eye

Splendor—Royal purple with clear white eye

Sparkle Hybrid Mixed—Neat dwarf compact habit. Plants completely covered with giant size florets. Complete color range.

Prices Above:

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$.50	\$1.50	\$4.50



VERBENA
GLOECKNER'S "SPECIAL STRAIN"

ZINNIAS

GIANT CALIFORNIA OR MAMMOTH FLOWERED

(Approx. 3,150 seeds per oz.)

This type has rapidly gained in popularity. The plants, which are three to four feet in height, are taller than the Dahlia Flowered class and have long stems which adapt them for use as a cut flower. The large flat flowers with imbricated petals give a graceful effect. Their colors are brilliant and clear.

Pink Lady—Bi-color with pink center and cream and buff outer petals.

Tr. Pkt.	\$.85	1/4 oz.	\$2.50	Oz.	\$7.50
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Brightness—Bright Pink

Cherry (Cerise) Queen—Rich crimson

Crimson Queen—Rich crimson

Daffodil Improved—Canary yellow

Enchantress—Light rose, deep rose center

Golden Queen—Golden yellow

Grenadier—Bright, dark red

Isabellina—Creamy buttercup

Lavender Queen—Deep rosy lavender

Miss Willmott—Soft pink

Orange King—Cadmium or orange scarlet

Orange Queen—Golden orange

Purity—White, best white in Zinnias

Rose Queen—Striking bright rose

Salmon Queen—Salmon rose

Scarlet Queen—Glowing deep scarlet

Violet Queen—Deep purple

Finest Mixed—From named varieties

PRICES ABOVE:

Tr. Pkt.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	Lb.
Prices Above:	\$.30	\$.50	\$.80	\$1.50	\$5.00
					\$15.00



ZINNIA SUPER CROWN O'GOLD

SUPER CROWN O'GOLD

(Approx. 3,140 seeds per oz.)

Each petal of the flower is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip.

Pastel Tints—Wide range of pastel shades.

PRICES ABOVE:

Tr. Pkt.	1/4 oz.	Oz.
\$.25	\$.50	\$1.50

ZINNIAS

DAHLIA FLOWERED (Approx. 3,000 seeds per oz.)

BODGER'S GOLD MEDAL STRAIN

The center petals of this popular class in-curve giving the blooms a deep, full appearance.

Canary Bird—Rich canary yellow
Crimson Monarch—Deep crimson
Dream—Deep lavender
Eldorado—Salmon apricot
Exquisite—Light rose, deep rose center
Golden Dawn—Golden yellow
Golden State—Golden orange
Illumination—Deep rose self
Luminosa—Bright deep pink
Oriole—Orange and gold bicolor
Polar Bear—Large pure white
Purple Prince
Scarlet Flame—Bright scarlet
Will Rogers—Brilliant scarlet red
Finest Mixed

PRICES ABOVE:

Tr. Pkt.	1/4 oz.	1/2 oz.
\$.30	\$.50	\$.85
1 oz.	1/4 lb.	Lb.
\$1.50	\$5.00	\$14.50



ZINNIA DAHLIA FLOWERED

LILLIPUT TOM THUMB

(Approx. 5,900 seeds per oz.)

Tr. Pkt. Oz.

Mixture—Plants 4"-6", compact with well formed flowers of the Lilliput type. In red, orange, yellow, pink, rose and pastel shades....\$.35 \$1.50

IMPROVED LILLIPUT

(Approx. 4,000 seeds per oz.)

(Pompon or Baby Zinnias, Special Florists' Strains)

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact and symmetrical, on strong stemmed 1 1/2 ft. plants.

Canary Gem	Rosebud
Crimson	Salmon Gem
Golden Gem	Scarlet Gem
Lilac Gem	White Gem
Pink Gem	Pastel Mixture
Purple Gem	Finest Mixed

PRICES ABOVE:

Tr. Pkt.	1/4 oz.	1/2 oz.
\$.30	\$.50	\$.80
1 oz.	1/4 lb.	Lb.
\$1.50	\$5.00	\$15.00



ZINNIA LILLIPUT

ZINNIAS

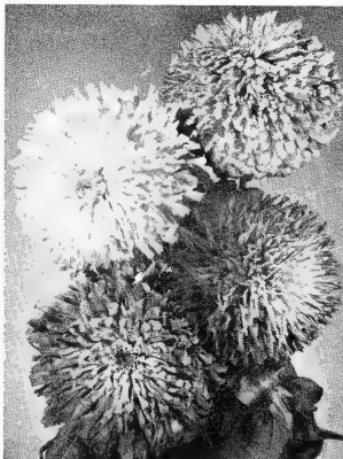
GIANT CACTUS FLOWERED

(Approx. 3,100 seeds per oz.)

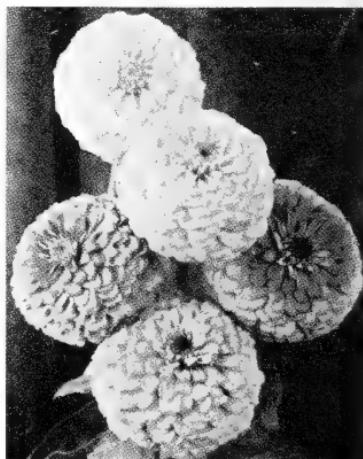
	Tr. Pkt.	1/4 oz.	Oz.
Blaze—Mandarin-red	\$.50	\$1.00	\$3.00
Burpee Hybrids—Varied mixture of brilliant colors and blends	.40	.75	2.50

	Tr. Pkt.	1/4 oz.	1 oz.
Cherry Time—(New)—Shades of cherry, cerise and spired red	\$.85	\$2.50	\$7.50

	Tr. Pkt.	1/4 oz.	Oz.
Dark Jewels—(New)—A blend of the darker, stronger colors in the cactus types. This mixture includes the most recent introductions	\$.75	\$2.00	\$6.00
Eskimo—Flowers open creamy white changing to pure white as they mature. Needle petals not twisted.	.40	.75	2.50
Floradale Scarlet—Vibrant red with twisted petals	.40	.75	2.50
Ice Cream Imp.—Large cactus flowered hybrid, true cream yellow	.50	1.25	3.75
Merry-Go-Round—Mixture of bi-colors with cactus and semi-cactus flowers. Colors contrast very sharply in each flower	.75	2.00	6.00
Pride of Deldrin—Bi-colored flowers, golden orange outside deepening to scarlet in the centers. Vigorous plants	1.00	1.50	4.00
Riverside Beauty—Luminous pink with curled and twisted petals	.40	.75	2.50
Sunny Boy—Rich buttercup yellow, flat reflexed petals	.40	.75	2.50



ZINNIA CACTUS BURPEE HYBRIDS



ZINNIA PUMILA

ELEGANS PUMILA DOUBLE
"CUT AND COME AGAIN"

Canary Yellow

Crimson

Golden Orange

Pinkie—Rose pink

Salmon Rose

Scarlet

Snowball

Sunshine Tints—Pastel shades

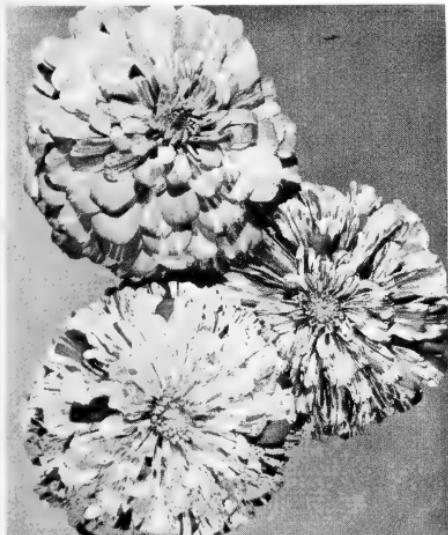
Tangerine—Orange red tinge

Prices Above: Tr. Pkt. \$.30

Oz. \$1.50 1/4 lb. \$5.00

ZINNIAS—MISCELLANEOUS

	Tr. Pkt.	1/4 oz.	1 oz.
Fantasy Mixed —A colorful blend of shaggy petaled double flowers of medium size. Good for cutting	\$.30	\$.60	\$1.80
Miss Universe —Large, fully double flowers of semi cactus type, are produced on compact, bushy plants. Excellent color range .....	.40	1.25	3.75
Navajo Mixed —(Gaillardia Flowered)—1½" flowers which resemble Pica Double Gaillardia, in both form and color..	.35	.85	1.50
New Century Mixed —Large double blossoms are produced on sturdy 2½-3' plants. Complete color range .....	.75	2.00	6.00
Ortho Polka —Blooms striped and mottled like Giant Pepper-mint Stick, but produced on much larger and sturdier 3' plants .....	.50	1.25	3.75
Peppermint Stick —Contains a wide color range of Pumila-type flowers, 60% of which are beautifully striped. An improvement over previous striped strains .....	.35	.75	2.25
Persian Carpet —Fully double, variegated, miniature flowers are produced on everblooming mound shaped plants ....	.50	1.50	4.50
Red Riding Hood —(Gracillima Type)—Miniature deep scarlet flowers on plants 1½-2' .....	.25	.85	1.50



ZINNIA ORTHO POLKA



ZINNIA NEW CENTURY MIXED

PERENNIALS

Home gardeners are discovering the landscape beauty of the easy-to-grow perennials listed on these pages. No spring sales yard is complete without a wide selection of perennials in baskets or pots for them to choose from. At present the most popular are Alyssum saxatile, aquilegia, English daisy, cerastium, Siberian wallflower, campanula, shasta daisy, coreopsis, foxglove, gaillardia, heuchera, candytuft, scabiosa, sweet William, and viola cornuta. Seed is best sown in spring for germination is better when the weather is cool. The young plants are spaced in beds in early summer and they winter over well for spring sales. Indoor-sown seed in January or early February also produces saleable spring plants, many of which will be in bloom. Plan now to round out your plant offerings with the popular perennials.

ACHILLEA

	Tr. Pkt.
The Pearl (Purmica) —Double pure white flowers borne in dense heads	1/4 oz. \$1.25
Cloth of Gold (Filipendula) —Large heads of golden yellow flowers on long stems. Good for cutting	1/4 oz. \$1.25

	Tr. Pkt.	Oz.
Coronaria Atrosanguinea —Deep blood red	\$.20	\$.60

AGROSTEMMA

	Tr. Pkt.	Oz.
ALYSSUM		
Saxatile Compactum "Gold Dust" —Dwarf shrubby habit with dense heads of golden-yellow flowers. Blooms from early spring through June and grows 12 inches high	\$.20	\$1.20

ANCHUSA

	Tr. Pkt.	1/4 oz.	Oz.
Italica Dropmore —Flowers resemble clusters of giant Forget-me-nots and are turquoise blue. Plants attain a height of 3 to 5 feet and bloom during June and July	\$.25	\$.75	\$2.25

	Tr. Pkt.	1/4 oz.	Oz.
Myosotidiflora —Produces large sprays of tiny blue Forget-me-not flowers above large heart-shaped leaves	1/8 oz. \$1.35	.45	2.50

ANTHEMIS

	Tr. Pkt.	1/4 oz.	Oz.
Kelwayi —One of the best of the hardy Marguerites, produces yellow daisy-like flowers over a long season	\$.20	\$.35	\$1.10

ARMERIA

	Tr. Pkt.	1/4 oz.	Oz.
Formosa Hybrida —Various shades of rose pink	Tr. Pkt. \$.40	1/4 oz. \$1.40	

ARABIS

	Tr. Pkt.	1/4 oz.	Oz.
Alpina Pink —Grows about 12" tall. Color is a delicate pale pink.	Tr. Pkt. \$.45	Oz. \$4.00	

	Tr. Pkt.	1/4 oz.	Oz.
Alpina "Snow Cap" —Attains a height of 6". The plant flowers very early and is of a spreading nature. The white flowers which appear from early spring to May are so numerous that no foliage is visible.	Tr. Pkt. \$.40	Oz. \$2.75	

ASTER

	Tr. Pkt.	1/4 oz.	Oz.
Alpinus Mixed —Plants attain a height of about 9" suitable for rockery, or front of borders, where they make a nice display during May and June.	Tr. Pkt. \$.60	1/4 oz. \$1.95	

ASCLEPIAS

	Tr. Pkt.	1/4 oz.	Oz.
Tuberosa —Very showy and popular plant bearing flowers of brilliant orange scarlet during July and August.	Tr. Pkt. \$.35	Oz. \$3.90	



BELLIS PERENNIS

Gloeckner

FLOWER SEEDS

PERENNIALS**AQUILEGIA "McKANA'S GIANT"****AQUILEGIA**

	Tr. Pkt.	1/4 oz.	Oz.
Cerulea —Rocky Mountain Blue Columbine. Clear blue with a white corolla	\$.40	\$1.25	\$3.75
Crimson Star Hybrids —Bicolor dark red with white	.60	3.00	
McKana's Giant —Large long spurred flowers. A bright mixture of colors	1.00	3.00	9.00
Long Spurred Blue Shades	.60	3.00	
Mrs. Scott Elliott's Hybrids —The most popular Columbine	.50		4.50
Rose Queen —Pink with white corolla	.50		4.50
Snow Queen —The largest pure white	.50		4.50

BELLIS (English Daisy)

	Tr. Pkt.	1/4 oz.
Perennis Monstrosa (Pink, Red, White Mixed)	\$.60	\$3.75

PERENNIALS

CAMPANULA

Calycanthema—(Cup and Saucer). One of the most showy of this group. The flowers are large on stalks that attain a height of about 3 feet. Good for cutting.

	Tr. Pkt.	1/4 oz.	Oz.
Deep Blue	\$.30	.80	\$2.40
Deep Rose	.30	.80	2.40
White	.30	.80	2.40
Mixed	.30	.80	2.40

Persicifolia—(Peachleaf, Bellflower). This variety grows from 2 to 3 feet tall and produces flowers that are more shallow than bell shaped and has foliage that is long, narrow and very graceful.

	Tr. Pkt.
Blue	\$.50
Alba	.50

Pyramidalis—The Chimney-Bellflower is one of the tallest Campanulas attaining a height of about 5 feet. Its long stalks of flowers start blooming in August and continue for several weeks.

	Tr. Pkt.
Alba	\$.40
Blue	.40

Rotundifolia—Scotch Harebell is an attractive flower producing little bells of blue during late spring and continuing over a long season. Grows 12" tall .60

CARNATION

	Tr. Pkt.	1/4 oz.
Early Vienna	\$.60	\$2.75
Grenadin Mixed	.60	2.00

CENTUAREA

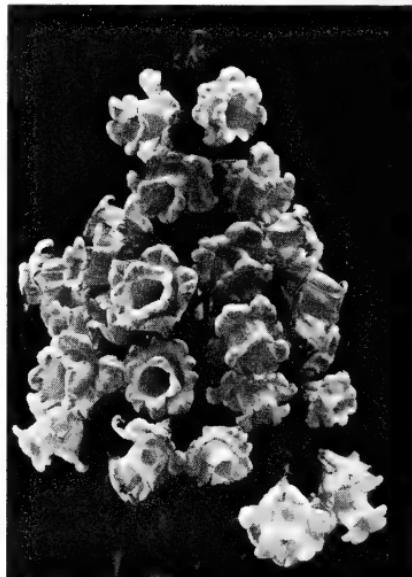
	Tr. Pkt.	Oz.
Montana	Has numerous deep blue flowers resembling Centuarea Cyanus on plants growing about 1 1/2 feet tall. Flowers early	\$.30 \$1.80

CERASTIUM

	Tr. Pkt.	Oz.
Tomentosum	Snow In The Summer is a very descriptive name for this low-growing plant. Grows about 6" high. Its small white flowers are produced in June. Excellent for rockeries	\$.30 \$2.00

CHEIRANTHUS
(Siberian Wallflower)

	Tr. Pkt.	Oz.
Allioni	The Siberian Wallflower, a biennial, produces its bright orange flowers on 15" spikes from May to September. To keep plant blooming, flowers must be cut	\$.20 \$.45



CAMPANULA CALYCANTHEMA

PERENNIALS

CHRYSANTHEMUM (SHASTA DAISY)

	Tr. Pkt.	Oz.
Alaska —Most popular of all. Large pure white blooms on excellent stems.		
Starts blooming in June and continues for some time	\$.25	\$1.40
May Queen —(Spring Marguerite)—Medium sized flowers .....	.50	1.50
COREOPSIS	Tr. Pkt.	Oz.
Mayfield Giant —Deep golden yellow, large flowers, early	\$.25	\$.90
Double Sunburst —Large, golden yellow, fully double flowers .....	.25	1.10

DELPHINIUM (See Page 22)

DIANTHUS

	Tr. Pkt.	Oz.
Plumarius Spring Beauty —The grass, or Garden Pinks, are low-growing plants, which bloom early in the spring. This extra double strain is outstanding	\$.45	\$5.25
Deltoides Carmine Rose (Maiden Pink)—Deep rose, 8" .....	.50	

DIGITALIS (FOXGLOVE)

Flowers during June and July. The flowering spike grows well over three feet in height with individual tubular or bell-shaped flowers, placed close on the side of the strain.

	Tr. Pkt.	Oz.
The Shirley —Giant hybrids, spotted throats	\$.35	\$3.00

GAILLARDIA

Blanket flowers are showy and of easy culture. They begin to flower in June and continue until frost.

	Tr. Pkt.	Oz.
Burgundy —Copper scarlet self	\$.30	\$2.50
Dazzler —Large rich red flowers with orange tip. Fine for cutting .....	.30	1.90
Goblin —Dwarf, compact. Deep red with yellow border .....	.40	2.90
Portola Hybrids —Red with golden tips. Excellent for cutting .....	.30	2.00



DIANTHUS PLUMARIUS



GAILLARDIA GOBLIN

PERENNIALS

GEUM

This plant which flowers from May to October is useful for cutting and can also be used for borders and rockeries.

Tr. Pkt. Oz.

Mrs. Bradshaw—Brilliant scarlet. Double flowers. Good for cutting \$.30 \$2.90

Lady Stratheden—Double golden yellow. Excellent for cutting30 2.90

GYPSOPHILA

One of the daintiest of old-fashioned flowers. The plants are covered with small blooms all during the summer. The tall growing varieties are good for cutting, while the dwarf forms are useful for edgings and rock gardens.

Tr. Pkt. Oz.

Paniculata—(Single)—Hardy, graceful sprays of white flowers \$.25 \$1.00

HEUCHERA

One of the most desired of the smaller growing plants. The plants of *Sanguinea* are compact, bushy and grow in tufts with flower stems about 1½ feet high, blooming in mid-summer.

Tr. Pkt. 1/8 oz.

Sanguinea—Fine for cutting. Vivid shade of coral red \$.60 \$3.00

HOLLYHOCK — CHATERS DOUBLE

Black Gem—Maroon

Newport Pink

Chamois

Salmon Rose

Enchantress—Deep rose

Virgin Queen—White

Fire King—Scarlet

Mixed

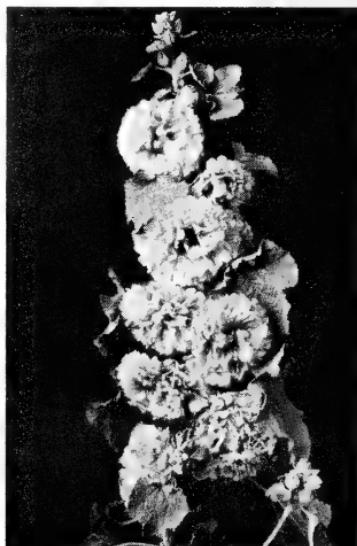
Golden Drop—Sulphur

Tr. Pkt. \$.35

Oz. \$1.70



HEUCHERA



HOLLYHOCK

PERENNIALS

IBERIS

Low-growing plant that grows about 9 to 12" tall, and spreads out making mats which are covered with flat dense clusters of flowers from the end of April through June.

	Tr. Pkt.	Oz.
Gibraltarica—Lilac	\$.30	\$1.50
Sempervirens—White	.60	4.75

LAVENDULA—SWEET LAVENDER

	Tr. Pkt.	1/4 oz.
Vera—Well-known fragrant hardy perennial. Always in good demand	\$.40	\$1.25

LIATRIS

Long spikes 4 to 5 feet tall of rosy purple. Flowers during August and September.

	Tr. Pkt.	Oz.
Pycnostachya—Rosy purple. Fine for cutting	\$.35	\$3.00

LINUM	Tr. Pkt.	1/4 oz.	Oz.
Perenne — (Flax)—Blue. 1 1/2 ft. tall	\$.30		\$.90
Flavum—Yellow. 2 ft. tall	.30	\$.85	2.50

LUNARIA BIENNIS (Honesty)

	Tr. Pkt.	Oz.
Alba—White	\$.25	\$1.40

LUPINUS

	Tr. Pkt.	Oz.
Russell's Prize Mixture—The large florets form large erect flower spikes. Mixture contains many unusual colors	\$.40	\$2.10

LYCHNIS

	Tr. Pkt.	Oz.
Chalcedonica — Flowers in June. Produces several flower stems over 3 ft. tall with immense heads of vermillion scarlet flowers	\$.25	\$1.50

MYOSOTIS

	Tr. Pkt.	Oz.
Alpestris Victoria — Grows about 6" tall and is compact in growth. Produces its clear indigo blue flowers beginning in April.	\$.60	\$4.75

PALUSTRIS SEMPERFLORENS

Pale blue flowers. Begins blooming about May and continues until fall

.40 3.25

PRIMULA

Hardy Primrose are showy plants that have small dainty flowers during April. The plants grow about 6 to 8 inches tall.

	Tr. Pkt.	1/4 oz.
Auricula Alpine Mixed	\$1.00	\$5.00
Veris Munstead's Strain	1.25	5.25

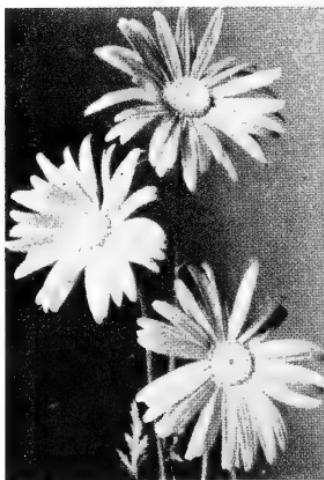


PRIMULA VERIS

PYRETHRUM

These are excellent for cutting. The bright colored daisy-like flowers are produced on long stems. Plants grow about 2 to 3 ft. tall and flower in June.

	Tr. Pkt.	1/4 oz.
Hybridum Single Mixed	\$.60	\$5.50
Double Mixed	1/8 oz. \$1.60; 1/4 oz.	\$2.75 .60 8.25

PYRETHRUM
SINGLE MIXED

PERENNIALS

SAPONARIA	Tr. Pkt.	Oz.	TRITOMA	Tr. Pkt.	Oz.
<i>Ocymoides</i> —Rose pink trailing rock plant	\$.30	\$2.10	<i>Hybrids</i> — (Red Hot Poker)		
			Mixed	\$.45	\$2.40
SCABIOSA					
Plants grow about 2 to 3 ft. tall producing their flowers on long wiry stems from June to September. Good for cutting.					
	Tr. Pkt.	Oz.			
<i>Caucasica Isaac House Hybrids</i> — Improved strain. Flowers range from lavender to dark blue. Excellent for cutting	\$.45	\$4.00			
STATICE	Tr. Pkt.	Oz.	VERONICA	Tr. Pkt.	Oz.
<i>Caspia</i> —Lilac. Fine for table decoration	\$.40	\$2.75	<i>Spicata</i> —Grows about 1½ ft. tall and produces its bright blue flowers during June	\$.50	\$4.00
<i>Dumosa</i> — Silvery gray flowers. Good cut flower	.40	2.75			
<i>Latifolia</i> —Deep blue flowers. Fine for cutting	.30	2.00			
SWEET WILLIAM	Tr. Pkt.	Oz.	VIOLA CORNUTA		
Newpct Pink	\$.40	\$2.60	<i>Admiration</i> —Large dark blue.		
Scarlet Beauty—Scarlet red	.40	2.60	<i>Chantreyland</i> —Pure apricot.		
Single Mixed	.40	2.60			
Double Mixed	.40	2.60	<i>Arkwright Ruby</i> —Wonderful large rounded flowers of ruby crimson with terra cotta and darker markings. Fragrant.		
Dwarf Alpinus Midget Mixed (Indian Carpet) — Early flowering type of Sweet William, consisting of light and dark colors, mixed. Height 4 to 6 inches. Suitable for border or rock garden planting	1/4 oz. \$1.50	4.75	<i>Blue Perfection</i> —Large flowered fine light blue.		
			<i>Lutea Splendens</i> —Golden yellow.		
			<i>Papilio</i> —Blue and white.		
				Tr. Pkt.	Oz.
			All Above:	\$.60	\$2.00
					\$6.00



VIOLA "CHANTREYLAND"

F. HYBRIDS

CUCUMBER

Burpee Hybrid—High resistance, vigor and long production, make this a truly outstanding variety.

1/2 oz.	1 oz.	1/4 lb.
\$22.0	\$4.25	\$12.75

TOMATO

Burpee Big Boy Hybrid®—One of the largest F1 Hybrid Tomatoes. Fruits are firm, smooth, deep globe, scarlet of excellent flavor and quality. Mid season producing continuously until frost.

® Registered Trademark of W. Atlee Burpee Co.

Wonder Boy—Extremely large, flavorful red fruit.

1/8 oz.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00

BROCCOLI

Oz. 1/4 lb.

Italian Green Sprouting—(Early strain). Vigorous early type forming large compact central heads and very few laterals40 \$1.35

BRUSSELS SPROUTS

Oz. 1/4 lb.

Long Island Improved—Plant dwarf and compact60 \$2.00

CAULIFLOWER

1/4 oz.

Oz. Oz.

Early Snowball "A" (Dwarf Erfurt)—One of the most satisfactory early strains of Snowball80 \$2.50

Snowdrift—Heads large firm and snow white80 2.50

CELERY

Oz. 1/4 lb.

Golden Yellow Self Bleaching—Standard early market variety 1.50 \$5.00

Golden Plume—Early, non-bolting variety. Fine flavor, solid and tender 1.50 5.00

Giant Pascal—Stems thick, of fine quality, rich nutty flavor. An excellent variety 1.50 5.00

CABBAGE

Oz. 1/4 lb.

Copenhagen Market—Early, round headed variety. Excellent quality65 \$2.00

Danish Ball Head (Penn State Strain)—Most popular late variety. Good keeper75 2.50

EGG PLANT

Burpee Hybrid—Vigorous, continuous producer. Highly resistant to drought and disease. Fruits medium size.

1/2 oz.	1 oz.	1/4 lb.
\$4.00	\$7.00	\$12.00

CABBAGE—Continued

Oz. 1/4 lb.

Early Jersey Wakefield (Yellows Resistant)—The earliest oblong variety. Sure header, small heads, suitable for home gardens45 1.55

Golden Acre (Yellows Resistant)—The earliest resistant cabbage developed. A SOLID ROUND HEAD OF MEDIUM SIZE65 2.00

Wisconsin All Season (Yellows Resistant)—A main crop yellow resistant cabbage. Round head, good quality90 3.00

Mammoth Red Rock—Best red variety. Good keeper, round head60 2.00

Marion Market (Yellows Resistant)—A resistant Copenhagen Market matures a trifle later60 2.00

Premium (Late) Flat Dutch—Large late variety. Very good quality, excellent keeper60 2.00

Savoy, Chieftan—Earlier than standard market varieties of Savoy. Plant medium short stemmed60 2.00

EGG PLANT

Oz. 1/4 lb.

Black Beauty—An extra early, large variety with few seeds60 \$2.00

Fort Myers Market—High bush variety. Heat and disease resistant80 2.70

Improved New York Purple—Popular home and market garden variety75 2.25

LETTUCE

Bibb (Forcing) — Plant small forming a small loosely folded head, leaves thick, deep green, slightly fringed with brown **.30** **\$1.00**

Black Seeded Simpson — Ideal mid-summer leaf variety, will withstand heat and drought **.20** **.70**

Grand Rapids Forcing — The leading greenhouse forcing leaf variety, but may be grown successfully outdoors **.25** **.80**

Big Boston — A large headed variety for mid-summer and fall use **.25** **.70**

Iceberg — Crisp heading variety for home and market **.30** **1.00**

Imperial 847 — Crisp heading variety of medium size. Leaves smooth, thick and light green **.50** **1.70**

Romaine (Cos or White Paris self folding) — Medium tall plants with firm spoon shaped straight edged outer leaves **.30** **1.00**

Salad Bowl — Improvement over Oak Leaf. Early, stands summer heat exceptionally well. Loose leaf variety **.75** **2.50**

ONION Oz. **1/4 lb.**
Prizetaker — Large, globular, yellow. Flesh coarse and mild **.70** **\$2.30**

White Sweet Spanish — White with clear glistening skin. Globe-shaped **.70** **2.30**

Yellow Sweet Spanish — (Utah Strain) — Globe-shaped, keeps extra well **.70** **2.30**

PARSLEY Oz. **1/4 lb.**
Extra Triple Curled (Moss Curled) — Plants compact leaves dark and finely cut **.20** **.50**

PEPPER

All Big — (Sweet) — Shaped like World Beater but darker and longer **\$1.20** **\$4.00**

California Wonder (Sweet) — Much used, particularly by market growers. Large green fruits practically as early as Ruby King **.70** **2.50**

Cayenne Long Red (Hot) — A leading sort for use in pickles, for canning and for drying. Fruits long, tapered, and very pungent **.60** **2.00**

Floral Gem (Bull Nose or Large Bell) — Hot, medium sized fruits, deep green **1.00** **3.35**

Golden California Wonder — Golden fleshed type **1.00** **3.35**

Hungarian Yellow Wax (Hot) — Yellow very early. Fruits long, tapered. Waxy light yellow **.75** **2.50**

Oakview Wonder (Early California Wonder) — Sweet, productive **1.20** **4.00**

Pimento (Sweet) — Standard variety for home and market garden. Fruits heart-shaped and very smooth **.75** **2.50**

Ruby King (Sweet) — A favorite for home and market garden. Fruits large and slightly tapered. Bright red **.65** **2.25**

Sweet Banana (Hungarian Yellow Wax Sweet) — Plants vigorous, erect. Fruit about 7" long, 2" thick **1.00** **3.35**

World Beater (Sweet) — An early sort. Fruits large, oblong; flesh thick and sweet. Bright red **.60** **2.00**

RADISH

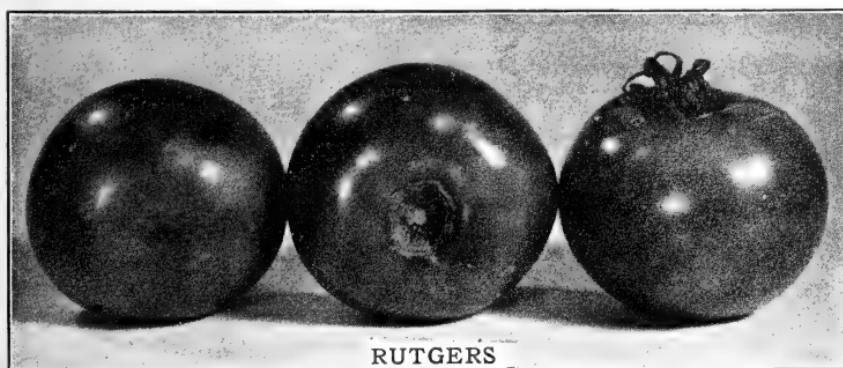
Improved Scarlet Globe — Very early sort, valuable for out of door culture and for forcing. Uniform, rich bright, scarlet, flesh white **.15** **.45**

Scarlet Turnip, White Tip — Popular variety, small top. Root bright scarlet with white area about the tip **.15** **.40**

White Icicle — The best early white variety. Roots long, tapered, very white throughout **.20** **.40**

TOMATO

	Oz.	1/4 lb.
Bonny Best (73 days)—A general purpose tomato. Fruits evenly colored scarlet-red, medium large	.75	\$2.25
Bread O'Day (73-75 days)—Early wilt resistant, globe-shaped sort. Fruits large, scarlet of good quality	.90	3.00
Crimson Cushion (Red Beefsteak)	1.00	3.25
Dwarf Champion —Dwarf and treelike. Ideal for limited space. Pink fruit	1.00	3.25
Earliana (64-66 days)—Particularly valuable for home garden and early market. Fruit medium size flattened	.90	3.00
Giant Tree —(Italian Potato Leaf)—A pink tomato of large size. The large smooth fruits have few seeds. Flesh is tender and mild	1/4 oz. \$1.20 3.50	12.00
Globe "A" (Forcing) —Improved. Developed by Ohio State Experiment Station—Pink fruits a little larger than regular Globe. Ships well.	1/4 oz. \$2.50 8.00	
Golden Queen —Large yellow fruit, mild flavor	.80	2.70
Jubilee —Fruits bright golden orange with few seeds. (72 days).	1/4 oz. \$.30; 1/2 oz. \$.50 .90	3.00
Manalucie (New) —Mid season red. Extra disease resistant	1.00	3.00
Marglobe (75-78 days)—Resistant to Fusarium wilt. Fruits uniform deep scarlet, globe shape and of distinct quality	.60	2.00
Master Marglobe (75-78 days)—HIGHLY resistant and heavily productive	1.20	4.00
Michigan State Forcing —Developed at Michigan State College. Very productive under restricted light conditions. Fruits deep scarlet, globe shaped, are borne in clusters of five to eleven	1/4 oz. \$.50 2.00	
Oxheart —Heart shaped. Pink fruit, mild flavor	1.10	3.70



TOMATO — Continued

	Oz.	1/4 lb.
Ponderosa (85 days)—One of the best for home use. Fruits purplish-pink, very fleshy with few seeds, of very mild flavor .....	.90	\$3.00
Pritchard (Scarlet Topper) —Wilt resistant, heavily productive. Fruits large globular, scarlet and well colored about the stem end .....	.75	2.50
Rutgers (78 days)—Highly recommended for second early maturing variety for canning and tomato juice. Fruits similar in shape to Marglobe. Uniformly colored flesh .....	.90	3.00
Stokesdale (70-73 days)—Early suitable for shipping. Fruits uniform deep scarlet, globe shape .....	.85	2.75

STOKESCROSS No. 5: Maturing 75 days, average size of fruit 4.7 ounces. This is perhaps the strongest F2 of the hybrid yet produced. It is recommended for market or for processing, and is an excellent producer. This new cross is a magnificent tomato which carries enthusiastic endorsement as one of the finest hybrids ever produced.

1/8 oz.	1/4 oz.	1 oz.	1/4 lb.
\$.75	\$1.25	\$3.50	\$12.00

	Oz.	1/4 lb.
Stone Improved (85 days)—Very solid fruit scarlet red, flat shape .....	.65	\$2.20
Valiant —Early red .....	.90	3.00

HERBS

Customers will be buying herbs this spring as never before, for the garden and home magazines have been playing up their culinary uses as well as their garden beauty. Meet this demand with young plants in bands and flats.

Anise (Annual)—14-16 inches tall. Aromatic seeds used in flavoring.

Basil (Annual)—12 inches tall. Entire plant has fragrant spicy aroma. Used for seasoning.

Borage (Annual)—12 to 18 inches tall. Large thick leaves are used as a pot herb.

Coriander (Annual)—2 to 2 1/2 ft. tall. Grown for seed. Used for flavoring in baking and confections.

Dill (Annual)—2 to 3 ft. tall. Chiefly grown for seed clusters used in pickling.

Sweet Fennel (Biennial)—3 to 4 ft. tall. Usually treated as an annual. Seed used for flavoring confections.

Tr. Pkt.	Oz.
\$.20	\$.60

Sweet Marjoram—1 1/2-2 ft. tall. Grown for tender young leaves used in seasoning.

Sage (Perennial)—14-16 inches tall. The most commonly used of all herbs for seasoning.

Tr. Pkt.	1/2 oz.
\$.20	\$.60

Rosmary (Half Hardy Perennial)—2 to 4 ft. tall. Leaves used for seasoning.

Thyme (Hardy Perennial)—8 to 10 inches tall. Pungent flavor used in culinary seasoning.

Tr. Pkt.	1/4 oz.
\$.20	\$.60

FERT-O-JEKT

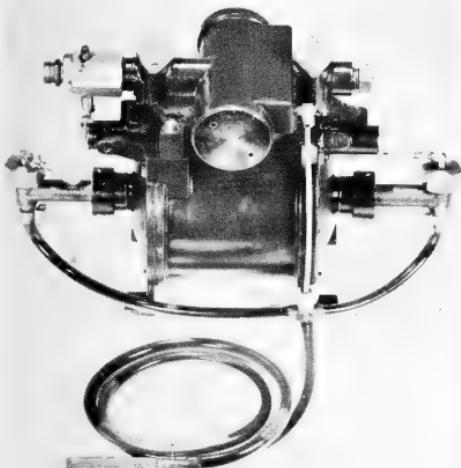
AUTOMATIC FERTILIZER INJECTORS

This Automatic Fertilizer Injector is machine engineered to inject into the water system soluble fertilizers in proportions suitable for maximum plant growth. By using the Fert-O-Ject method of fertilization a mild application is applied each time plants are watered assuring a uniform application to all plants.

Available in two models

E-500	.....	\$535.00
U-400 (Portable)	.....	360.00

Write for complete descriptive literature.



MODEL E-500



MODEL U-400

WOOD VENEER PLANT BANDS

	Per 1,000
1 3/4 x 1 3/4 x 2	\$ 5.70
1 3/4 x 1 3/4 x 2 1/2	5.80
2 x 2 x 2	5.80
2 x 2 x 2 1/2	5.90
2 1/4 x 2 1/4 x 2 1/2	6.10
2 1/2 x 2 1/2 x 2 1/2	6.20
2 x 2 x 3	6.20
2 1/2 x 2 1/2 x 3	6.60
3 x 3 x 3	7.00
3 x 3 x 4	7.20
4 x 4 x 3	7.30
4 x 4 x 4	8.20

LIGHT WOOD FLATS OR TRAYS

	100	1,000
No. 00	\$4.10	\$40.00
No. 000	4.40	42.00
No. 0000	4.90	46.00
No. X	4.80	43.00

BIRD BANDS

Per 1,000 (Sold in case lots only)

	1 3/4 x 1 1 1/2 x 1 1/2 x 2 1/2	3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
VITA BAND 10	\$4.80	\$5.15	\$5.40	\$5.90	\$6.40	\$7.10	\$9.20	\$11.45
VITA BAND D	4.95	5.30	5.50	6.20	6.45	7.25	9.45	11.80
VITA BAND H			6.25	6.60	7.75	8.30	8.70	10.70
QUANTITY PER CASE	2000	2000	2000	2000	1000	1000	1000	500

BIRD POTS

Per 1,000 (Sold in case lots only)

	2"	2 1/4"	2 1/2"	3"	3 1/2"	4"	5"
VITA POTS	\$14.60	\$14.95	\$15.50	\$17.40		\$25.70	\$33.40
RED POTS	9.00	9.00	9.10	9.60	\$12.80	15.50	19.00
QUANTITY PER CASE	1000	1000	1000	1000	1000	500	500

BIRD PERENNIAL POTS

(Sold in Case Lots only)

Height	Top Diameter	Bottom Diameter	Quantity Per Case	Price Per 1,000	
5"	8"	7"	200	\$65.00	(Mum pan)
5 1/2"	5"	4"	200	47.50	(Small perennials)
6 1/2"	6"	4 1/2"	200	58.50	(Large perennials)
9 1/2"	7"	5 1/2"	200	69.00	(Roses, peonies, and shrubs)

BIRD GROW TAINERS

Size	Pack	Per 1,000
#2 7 5/16 x 5 5/16 x 2 5/8	200	\$48.00
#3 8 3/8 x 6 7/8 x 2 5/8	200	62.00
#4 9 1/8 x 7 3/8 x 2 5/8	200	72.00

JIFFY POTS

Molded Peat Plant Growing Container

ROUND STANDARD POTS

2 1/4" Round (Packed 3,000 per carton)

Per 1,000

3,000 to 18,000	\$ 7.25
21,000 to 72,000	6.75
75,000 up	6.25

3" Round (Packed 1,500 per carton)

1,500 to 9,000	\$13.25
10,500 to 49,500	12.25
51,000 up	11.00

SQUARE POTS

2 1/4" Square (Packed 2,500 per carton)

Per 1,000

2,500 to 17,500	\$ 7.50
20,000 to 72,500	7.00
75,000 up	6.50

3" Square (Packed 1000 per carton)

1,000 to 9,000	\$14.50
10,000 to 49,000	13.25
50,000 up	12.00

BAMBOO CANE STAKES

Dyed green, of pencil thickness

	Per Bale	Price Per Bale
1 1/2 ft.	2,000	\$ 6.00
2 ft.	2,000	8.00
2 1/2 ft.	2,000	10.00
3 ft.	2,000	13.00
3 1/2 ft.	2,000	16.00
4 ft.	2,000	18.00

SPLIT BAMBOO STAKES

Dyed Green

	Per Bale	Price Per Bale
12 in.	5,000	\$10.00
15 in.	5,000	15.00
18 in.	5,000	20.00
24 in.	5,000	25.00

FERTILIZERS

PETERS SOLUBLE FERTILIZER

(PACKED IN 25 LB. BAGS ONLY)

	1-3 bags per 25 lb. bag	100 to 975 lbs.	1000 to 1975 lbs.	2000 lbs. up		1-3 bags per 25 lb. bag	100 to 975 lbs.	1000 to 1975 lbs.	2000 lbs. up
15-15-15 Geranium Special	\$6.75	\$23	\$22	\$21	25-0-25 Low Phos- phate Special	\$6.75	\$23	\$22	\$21
20-5-30 Potash Special	6.75	.23	.22	.21	40-3-3 Nitrogen Special	6.75	.23	.22	.21
21-7-7 Azalea Neutral (non-acidifying) ..	6.75	.23	.22	.21	10-20-20 Low Nitrogen Special	7.25	.25	.24	.23
21-7-7 Azalea Acid (heavy acidifying action)	6.75	.23	.22	.21	15-15-15 Phosphate Special	7.25	.25	.24	.23
16-4-12 Easter Lily Special	6.75	.23	.22	.21	20-20-20 General Purpose Feed	7.25	.25	.24	.23
25-10-10 Maryland Special	6.75	.23	.22	.21	25-5-20 Carnation Special	7.25	.25	.24	.23
					10-30-20 Orchid Special	7.75	.29	.27	.25

ELECTRA (5-10-3)

A highly organic fertilizer designed especially for florists. Contains major, minor and trace elements needed for plant growth.

Price: 80 lbs. \$6.00

HIDROPON

10% Nitrogen—12% Phos. Acid—25% Potash

A most unusual combination of many soluble plant foods. Trace elements mostly chelates and other products added but not claimed.

Price: \$8.00 (25 lbs.) \$12.00 (50 lbs.) \$20.00 (100 lbs.)

LIQUID "M" POWDERED

17% Nitrogen—24% Phos. Acid—18% Potash

Trace elements mostly as chelates and other products added but not claimed.

Price: \$8.00 (25 lbs.) \$12.00 (50 lbs.) \$20.00 (100 lbs.)

PANO-DRENCH 4

EFFECTIVE FOR THE CONTROL OF DAMPING-OFF

An excellent liquid soil drench used to control damping-off caused by soil borne fungi (especially Rhizoctonia) on flowers and vegetables. For use in all soils, sands; on flats, pots, benches and outside beds. Just one to two teaspoons diluted with 3 gallons of water produces effective control. A 4 oz. bottle makes up to 72 gallons of drench—treats 300-400 sq. ft.

Price: \$1.95 (1 oz.) \$5.95 (4 oz.) \$19.20 (16 oz.)

ROOTONE

A plant hormone powder for rooting cuttings and increasing root growth.
2 oz. \$1.00 1 lb. \$5.00

HORMODIN

#1 (Soft Cuttings) 1 lb. \$4.00
#2 (Shrubs) 1 lb. 5.95
#3 (Azalea—Evergreens) ½ lb. 5.95

INSECTICIDES, FUNGICIDES AND FUMIGANTS

ARAMITE 15W

For normal and resistant Red Spider.
4 lb. bag **\$3.25** Case (12 bags) **\$37.00**
CM-19

For control of Botrytis on Chrysanthemum, Gladiolus and other flowers.

40 lb. pail **\$40.00**

CHLOROBENZILATE 25W

For Red Spider—not recommended for use on Hydrangeas. Use at rate of 1 lb. per 100 gal. water with a spreader.

4 lb. bag **\$5.80** Case (12 4-lb.) **\$52.80**

DDT 50W

For Thrip, Leaf Roller and other leaf eating pests. Also sow Bugs, Mum and Rose Midge. Use at the rate of 1 lb. per 100 gal. 4 lb. bag **\$2.72** Case (12 4-lb.) **\$28.80**

ENDRIN 1.6

Controls Aphids, Thrip, etc.
Gal. **\$12.70** Case (4 1-gal.) **\$46.72**

FERBAM (Fermate)

Fungicide for leaf diseases and fungi.
3 lb. bag **\$2.10** Case (12 3-lb.) **\$21.60**

FULEX PARATHION FUMIGATOR

For Red Spider, Aphids and Thrip.
Carton 24 cans

2,000 Cu. ft. **\$11.50** 10,000 Cu. ft. **\$17.00**
5,000 Cu. ft. **\$14.50** 20,000 Cu. ft. **\$26.00**

FULEX APHID SMOKE FUMIGATOR

Carton 24 cans
For Aphid and adult White Fly.

2,000 Cu. ft. **\$11.00** 10,000 Cu. ft. **\$17.00**
5,000 Cu. ft. **\$14.00** 20,000 Cu. ft. **\$25.00**

FULEX SPIDER MITE FUMIGATOR

For Red Spider including some parathion resistant strains on Carnations, Chrysanthemums and Snaps.

2,000 Cu. ft. **\$11.50** 10,000 Cu. ft. **\$19.00**
5,000 Cu. ft. **\$14.50** 20,000 Cu. ft. **\$31.00**

ISOTOX-LINDANE 25W

For Aphids, Thrips, Spittlebugs and Symphylids. Use 8 oz. per 100 gal. with spreader.

4 lb. can **\$8.15**

KELTHANE EMULSION 18.5

For Red Spider and Cyclamen-Mite. Use at the rate of 1 pint per 100 gal. with a spreader.

Gal. **\$11.00** Case (4 1-gal.) **\$10.25** per gal.

KELTHAN 18.5W POWDER

4 lb. bag **\$5.80**

MALATHION 25W

For Red Spider, Aphid, Thrip, Scale Leaf Roller and Mealy Bug. 1½-2 lb. per 100 gal. except on Scale where amount should be doubled. 4 lb. bag **\$3.60**

NICO FUME LIQUID

For control of Aphids, Thrips and Leaf Miner. (8 lbs.)—1 gal. can **\$14.50**

NICOTEEN FUMIGATORS (Fulex)

Effective on Aphids and most Thrip. Contains 14% Nicotine (Alkaloid). (Carton 12) 10,000 Cu. ft. **\$9.60** 20,000 Cu. ft. **\$16.20**

ORTHOCIDE 50W (Captan)

Use as a control of leaf diseases.
5 lb. bag **\$5.75** Case (10 5-lb.) **\$42.50**

PLANT FUME 103

For control of Spider Mite, Aphid, Thrip. 5,000 Cu. ft. **\$12.00** (Carton of 36)
20,000 Cu. ft. **\$12.00** (Carton of 12)

PARATHION 15W

Kills Red Spider, Aphid, Thrip and leaf eating pests. Use at the rate of 1 lb. per 100 gal.

4 lb. bag **\$2.80** Case (12 4-lb.) **\$31.80**

PARZATE (Zineb)

Used for leaf diseases, such as rust, black spot or mildew.

3 lb. bag **\$3.30** Case (12 3-lb.) **\$35.00**

P-40—(2% Sodium Selenate)

For chewing and sucking insects on plants other than edible crops. Food crops not to be grown in treated area for 12 months.

25 lbs. **\$12.50** 50 lbs. **\$22.50** 100 lbs **\$40.00**

SODIUM SELENATE (Pure)

4 oz. **\$4.00** 1 lb. **\$12.50**

SLUGIT

Sprayed over soil and plants this new material controls slugs and snails. Acts as both a stomach and contact insecticide. Is effective for about two weeks. Apply with a Bordeaux-type nozzle. One gallon covers about 4800 square feet.

1 gal. can **\$12.00**

SYSTOX

A systemic insecticide for control of Mites, Aphids and Leaf Hoppers, on certain plants.

1 gal. **\$32.00**

TRITHION 25W

For control of Aphids, Mealy Bugs, Scale and Red Spider. Use 1½ lbs. per 100 gal. Using a spreader is recommended.

5 lb. bag **\$9.50**

TEDION 25W

Controls Red Spider when used at the rate of 1 lb. per 100 gals.

2 lb. bag **\$4.75** Case (12 4-lb. bags) **\$46.00**

TERRACHLOR 75W

Controls Rhizoctonia Stem Rot by inhibiting fungus growth.

5 lb. bag **\$4.75** Case (10 5-lb. bags) **\$45.00**

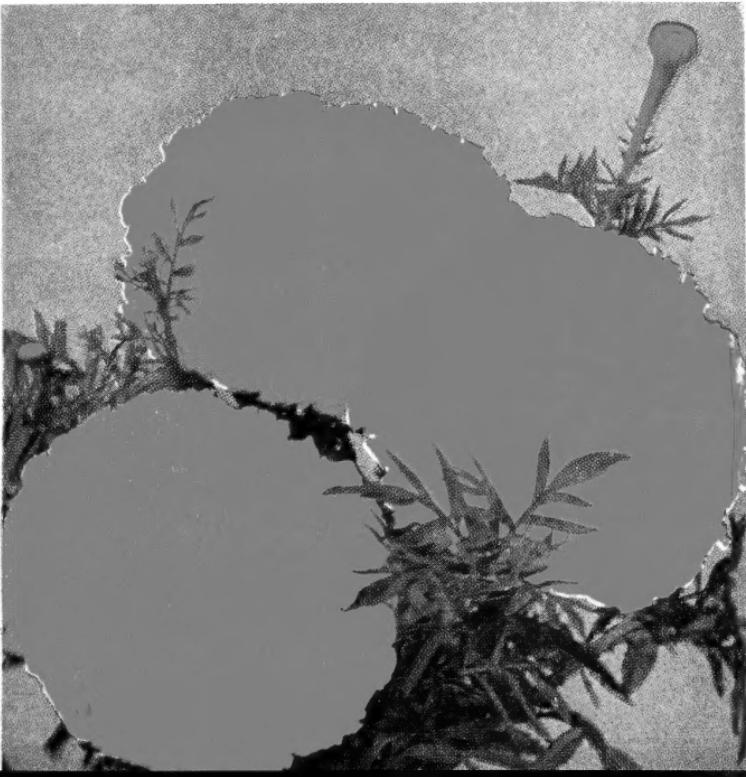
VAPATONE-XX

For controlling Aphids and Red Spider Mites. 1 gal. can **\$12.50**



MARIGOLD SPUN GOLD—See Page No. 27

MARIGOLD CRACKERJACK—See Page No. 28



Gloeckner

1960

FLOWER SEEDS • CARNATION
AND CHRYSANTHEMUM MANUALS